Form 3160-3 (July 1992)

TYPE OF WORK

TYPE OF WELL

**OIL WELL** 

3. ADDRESS

1226" + / -

## **UNITED STATES**

SUBMIT IN TRIPLICATE\*

#### FORM APPROVED

OMB NO. 1040-0136 Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

**Uintah** 

20. BLM/BIA Bond No. on file

ESB000024

23. Estimated duration

14 days

17. NO. OF ACRES ASSIGNED TO THIS WELL

20

| 0.11.120 0171120           |
|----------------------------|
| DEPARTMENT OF THE INTERIOR |
| BUREAU OF LAND MANAGEMENT  |

LITU-0629 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL OR DEEPEN N/A 7. UNIT AGREEMENT NAME DRILL 2 DEEPEN WHITE RIVER UNIT 8. FARM OR LEASE NAME, WELL NO. **7** SINGLE MULTIPLE **OTHER** ZONE ZONE **GAS WELL** WRU EIH 9CML-26-8-22 2. NAME OF OPERATOR Contact: Jan Nelson 9.API NUMBER QEP UINTA BASIN, INC. E-Mail: jan.nelson@questar.com Telphone number 10. FIELD AND POOL, OR WILDCAT 11002 E. 17500 S. Vernal, Ut 84078 Phone 435-781-4331 Fax 435-781-4323 WHITE RIVER 4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements\*) 11. SEC.,T, R, M, OR BLK & SURVEY OR AREA At Surface 636281X 1408' FSL 1226' FEL NESE SECTION 26 T8S R22E At proposed production zone 4438811 \ 40.090457 SEC. 26, T8S, R22E Mer SLB 14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE\* 12. COUNTY OR PARISH 13. STATE

16.NO.OF ACRES IN LEASE

560.00

10.075

22. DATE WORK WILL START

**ASAP** 

19. PROPOSED DEPTH

The following, completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

33 + / - SOUTHEAST OF VERNAL, UTAH

PROPERTY OR LEASE LINE, FT. (also to nearest drig,unit line if any)

completed, applied for, on this lease, ft

21. ELEVATIONS (Show whether DF, RT, GR, ect.)

2. A Drilling Plan

4850.2' GR

24. Attachments

3. A surface Use Plan ( if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST

18.DISTANCE FROM PROPOSED location to nearest well, drilling,

- 4. Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).
- Operator certification.
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

| SIGNED | ban Dukan          | Name (printed/typed) J | an Nelson | DATE | 9-18-06 |
|--------|--------------------|------------------------|-----------|------|---------|
| TITLE  | Regulatory Affairs |                        |           |      |         |

42:047-38649

APPROVAL DATE

CONDITIONS OF APPROVAL, IF A

APPROVED BY

BRADLEY G. HILL **ENVIRONMENTAL MANAGER** 

\*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction

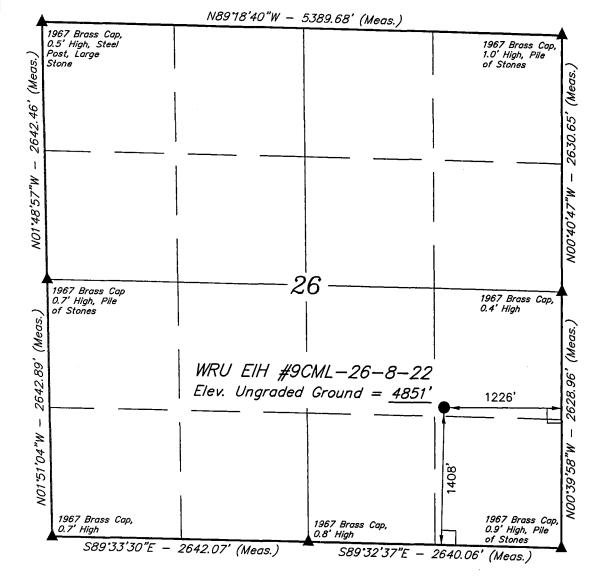
Federal Approval of this Action is Necessary



RECEIVED SEP 2 1 2006

DIV. OF OIL, GAS & MINING

## T8S, R22E, S.L.B.&M.



#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

#### LEGEND:

 $_{-}$  = 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

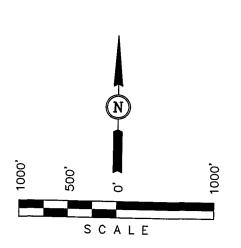
(NAD 83) LATITUDE = 40°05'25.62" (40.090450) LONGITUDE = 109°24'07.50" (109.402083) (NAD 27) LATITUDE = 40°05'25.75" (40.090486) LONGITUDE = 109°24'05.04" (109.401400)

#### QUESTAR EXPLR. & PROD.

Well location, WRU EIH #9CML-26-8-22, located as shown in the NE 1/4 SE 1/4 of Section 26, T8S, R22E, S.L.B.&M., Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOUT TO THE PROPERTY OF ACTUAL SURVEY OF STATE OF ME OF

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

| `                   | ,                         |                        |
|---------------------|---------------------------|------------------------|
| SCALE<br>1" = 1000' | DATE SURVEYED:<br>6-28-06 | DATE DRAWN:<br>6-29-06 |
| B.B. T.A. K.G.      | REFERENCES<br>G.L.O. PLA  | ·Τ                     |
| WEATHER WARM        | FILE OUFSTAR F            | XPIR & PROD            |

#### **Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a well to 10,075' to test the MesaVerde. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Please be advised that QEP Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

ONSHORE OIL & GAS DER NO. 1 QEP Uinta Basin, Inc. WRU EIH 9CML-26-8-22

#### DRILLING PROGRAM

## ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

#### 1. Formation Tops

The estimated tops of important geologic markers are as follows:

| <u>Formation</u> | Depth, TVD |
|------------------|------------|
| Uinta            | Surface    |
| Green River      | 2,220'     |
| Mahogany         | 2,885'     |
| Wasatch          | 5,260'     |
| Mesaverde        | 7,660'     |
| Sego             | 9,970'     |
| TD               | 10,075     |

#### 2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered are as follows:

| <b>Substance</b> | <b>Formation</b> | Depth, TVD |
|------------------|------------------|------------|
| Gas              | Wasatch          | 5,260'     |
| Gas              | Mesaverde        | 7,660'     |

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash

ONSHORE OIL & GAS CADER NO. 1 QEP Uinta Basin, Inc. WRU EIH 9CML-26-8-22

#### DRILLING PROGRAM

Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

#### 3. Operator's Specification for Pressure Control Equipment:

- A. 5,000 psi W.P. Double Gate BOP, 5,000 psi annular (schematic attached)
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.22 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 5M system and individual components shall be operable as designed.

#### 4. <u>Casing Program</u>

| Hole<br>Size | Casing<br>Size | Top<br>(MD) | Bottom (MD) | Weight | Grade | Thread | Cond. |
|--------------|----------------|-------------|-------------|--------|-------|--------|-------|
| 20"          | 14"            | surface     | 40'         | Steel  | Cond. | None   | Used  |
| 12-1/4"      | 9-5/8"         | surface     | 450'        | 36.0   | J-55  | STC    | New   |
| 8-3/4"       | 7"             | surface     | 4,500'      | 26.0   | J-55  | LTC    | New   |
| 6-1/8"       | 4-1/2"         | surface     | 1 0,075     | 11.6   | P-110 | LTC    | New   |

| Casing S | trengths: |       |     | Collapse  | Burst      | Tensile<br>(minimum) |
|----------|-----------|-------|-----|-----------|------------|----------------------|
| 9-5/8"   | 36.0 lb.  | J-55  | STC | 2,020 psi | 3,520 psi  | 394,000 lb.          |
| 7"       | 26.0 lb.  | J-55  | LTC | 4,320 psi | 4,980 psi  | 367,000 lb.          |
| 4-1/2"   | 11.6 lb.  | P-110 | LTC | 7,580 psi | 10,690 psi | 279,000 lb.          |

ONSHORE OIL & GAS CADER NO. 1 QEP Uinta Basin, Inc. WRU EIH 9CML-26-8-22

#### DRILLING PROGRAM

#### 5. Auxiliary Equipment

- A. Kelly Cock yes
- B. Float at the bit no
- C. Monitoring equipment on the mud system visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor yes
- E. Rotating Head yes
- F. If drilling with air the following will be used:
- G. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- H. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- I. Compressor shall be tied directly to the blooie line through a manifold.
- J. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

ONSHORE OIL & GAS CADER NO. 1 QEP Uinta Basin, Inc. WRU EIH 9CML-26-8-22

#### DRILLING PROGRAM

#### 6. Testing, logging and coring program

- A. Cores none anticipated
- B. DST none anticipated
- C. Logging Mud Logging 1500' to TD GR-SP-Induction, Neutron Density
- D. Formation and Completion Interval: Green River/Wasatch/MesaVerde interval, final determination of completion will be made by analysis of logs.
   Stimulation: Stimulation will be designed for the particular area of interest as encountered.

#### 7. Cementing Program

#### 14" Conductor:

Cement to surface with construction cement.

#### 9-5/8" Surface Casing: sfc - 450' (MD)

**Lead/Tail Slurry:** 0' - 450'. 240 sks (280 cu ft) Premium AG cement + 2% CaCl<sub>2</sub> + 0.25 lb/sk celloflake. Slurry wt: 15.8 ppg, Slurry yield: 1.17 ft<sup>3</sup>/sk, Slurry volume: 12-1/4" hole + 100% excess.

#### 7" Intermediate Casing: sfc - 4,500' (MD)

**Lead Slurry:** 0' – 4,000'. 230 sks (890 cu ft) Halliburton Hi-Fill cement. Slurry wt: 11.0 ppg, Slurry yield: 3.86 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess in open hole section.

**Tail Slurry:** 4,000' – 4,500'. 90 sks (110 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 8-3/4" hole + 50% excess.

#### 4-1/2" Production Casing: sfc – 10,075' (MD)

**Lead Slurry:** 0' - 5,000'. 155 sks (595 cu ft) Halliburton Hi-Fill cement + 16% Bentonite + 0.75% Econolite + 3% salt + 0.8% HR-7 retarder. Slurry wt: 11.0 ppg, Slurry yield: 3.84 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 20% excess in open hole section.

**Tail Slurry:**  $5,000^{\circ} - 10,075^{\circ}$ . 740 sks (920 cu ft) of 50/50 Poz Premium AG + 2.0% Bentonite + 0.6% Halad (R)-322 fluid loss + 2.0% Microbond M expander + 5% salt + 0.2% HR-5 retarder + 0.25 lb/sk Flocele. Slurry wt: 14.35 ppg, Slurry yield: 1.24 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 20% excess.

ONSHORE OIL & GAS ORDER NO. 1 QEP Uinta Basin, Inc. WRU EIH 9CML-26-8-22

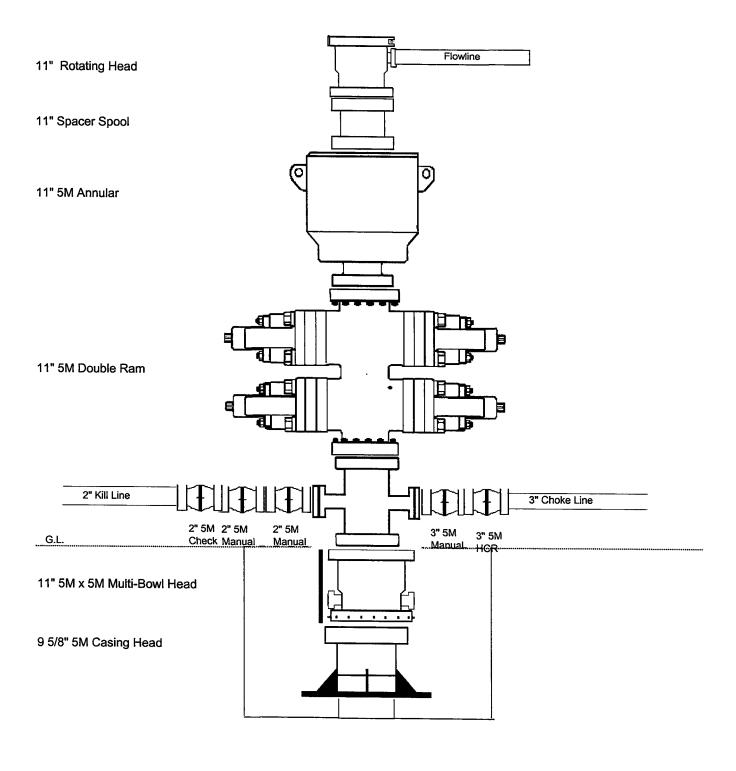
#### DRILLING PROGRAM

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

## 8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No  $H_2S$  has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 5500 psi. Maximum anticipated bottom hole temperature is 195° F.

#### 5M BOP STACK



#### EXHIBIT B CONTINUED

REMOTELY OPERATED VALVE
SECURINE OPTIONAL

ADDRESS RANGE CHOKE

ADDRESS

(1) 5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

[FR Doc. 88-20738 Filed 11-37-86; 8:45 am] PLLN9 COOK 4116-86-0

**QEP UINTA BASIN, INC.** WRU EIH 9CML-26-8-22 1408' FSL 1226' FEL NESE, SECTION 26, T8S, R22E **UINTAH COUNTY, UTAH LEASE # UTU-0629** 

#### **ONSHORE ORDER NO. 1**

#### **MULTI - POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the WRU EIH 9CML-26-8-22 on September 13, 2006 . Weather conditions were warm and clear at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler

**Bureau of Land Management** 

Amy Torres

**Bureau of Land Management** 

Jan Nelson

QEP Uinta Basin Inc.

#### Existing Roads:

The proposed well site is approximately 33 miles southeast of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

There will be no improvements made to existing roads.

#### 2. **Planned Access Roads:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map B for the location of the proposed access road.

#### Location of Existing Wells Within a 1 - Mile Radius:

Please refer to Topo Map C.

#### **Location of Existing & Proposed Facilities:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River. Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map D for the location of the proposed pipeline.

QEP requests a surface pipeline based on the following justification included in the attached "Request for Exception".

#### 5. **Location and Type of Water Supply:**

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

#### 6. Source of Construction Materials:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

#### 7. Methods of Handling Waste Materials:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

#### 8. Ancillary Facilities:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

#### 9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

#### 10. Plans for Reclamation of the Surface:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

#### **Interim Reclamation**

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the succuss of reclamation.

#### Seed Mix:

Interim Reclamation:
9 lbs Hycrest Crested Wheatgrass
3 lbs Forage Kochia
Final Reclamation:

Seed Mix # 5 4 lbs. Gardner Saltbush, 4 lbs. Shadscale, 4 lbs. Hycrest Crested Wheat Grass,

#### 11. Surface Ownership:

Bureau of Land Management 170 South 500 East Vernal, Utah 84078 (435) 781-4400

#### 12. Other Information

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

There is a Burrowing Owl Stipulation from April 1st to August 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

Construct diversion ditch after pit is reclaimed. Round corner 2, reroute stake # 1 to stay out of drainage. Rock & gravel as needed.

Move top soil pile between 6 & 8 and additional top soil between corner 4 and access road.

QEP will carry out Interim Reclamation mitigation for the habitat loss on well location WRU EIH 15MU-26-8-22.

# QEP Uinta Basin, Inc. Request for Exception to Buried Pipeline for WRU EIH 9CML-26-8-22

QEP respectfully requests an exception to burying this pipeline. We understand the standard Condition of Approval (COA) that may be included in the approved Application for Permit to Drill (APD) is: "As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. The construction width for the access corridor would increase from 30 feet, by an additional 20 feet, to a total of 50 feet. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation." QEP will install the pipeline within the access corridor and will avoid cross-country installation when possible. Our reason for requesting a surface line is based on the following justification:

#### Class IV VRM

- This area's designated Visual Resource Management is classified as Class IV. The Class IV objective is to provide for management activities that require major modification to the existing character of the landscape. The level of change to the landscape can be high. The management activities may dominate the view and may be the major focus of the viewer attention. However, every attempt should be made to minimize the impact of these activities through careful location, minimal disturbance, and repetition of the basic visual elements of form, line, color, and texture.
- QEP feels that surface pipe will comply with this classification more so than buried pipe due to the amount of surface disturbance that will be required to bury it. We believe surface installation within the access corridor will minimize the disturbance so that the pipeline does not dominate the view.

#### **Environmental and Safety Concerns**

- Buried pipe will greatly increase surface disturbance and habitat fragmentation. The soil in this area has a poor history of successful rehabilitation. Buried pipe will have an increased corrosion rate and would need to be dug up for repairs or replacement; the constant surface disturbance will not allow time for successful reclamation.
- Increasing surface disturbance will greatly increase noxious and invasive weed infestation.

- With the increased corrosion rate, buried pipe may have undetectable leaks that could go unnoticed for months. Small leaks may turn into large plumes of underground hazards because they are not easily monitored and not seen right away. An undetected leak also increases the potential for explosive incidents. Once detected, the surface will need to be disturbed, once again, to dig up the line and replace or repair it.
- Accidents associated with pipe breaks during construction activities could increase substantially as the number of buried lines increases.
- The additional surface disturbance will increase the risk of disturbing paleontological sites.

#### **Operational and Mechanical Concerns for Gas Lines**

- Cathodic protection will be required for buried pipe. Cathodic protection requires anode beds that must be maintained. This will add substantial costs in labor and material. Additional power lines will need to be installed to the anode beds. The additional costs for equipment and labor will be approximately \$50,000.00 per section.
- Pipeline markers need to be used with buried pipe. This will add costs in labor and material.
- Every tie in requires a valve. The average distance between valves is approximately ½ mile. Valves will have to be placed in "freeze boxes" or "valve boxes". Valve boxes will be considered confined space which increases the manpower needed to repair or replace valves. Every valve box will also require bright yellow guard rails.
- Additional equipment required for buried pipe can include blades/dozers, trenchers (cutting or blasting in hard rock), side booms, etc. which increases installation costs.
- Buried pipe must have fusion bonded epoxy (FBE) coating. FBE pipe will cost an additional \$2.00 per foot compared to bare pipe.
- This pipeline has the potential for being upgraded/upsized to a larger pipe diameter depending on production volumes. If upsizing is required, the pipe will need to be dug up which will cause additional surface disturbance and will not allow adequate time for successful reclamation.
- Surface lines are sometimes relocated to accommodate new locations; this is done in an effort to minimize the amount of pipe needed and the amount of surface disturbed. If this pipe is buried, this will no longer be an option.

#### Lessee's or Operator's Representative:

Jan Nelson Red Wash Rep. QEP Uinta Basin, Inc. 11002 East 17500 South Vernal, Utah 84078 (435) 781-4331

#### Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. it's contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Jan Nelson

Red Wash Representative

18-Sep-06

Date

## QUESTAR EXPLR. & PROD.

WRU #9CML-26-8-22

LOCATED IN UINTAH COUNTY, UTAH **SECTION 26, T8S, R22E, S.L.B.&M.** 

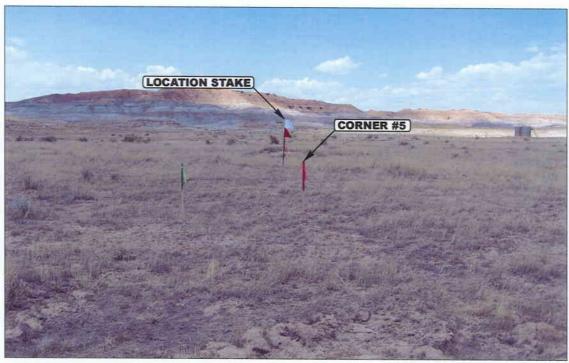


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

**CAMERA ANGLE: NORTHEASTERLY** 

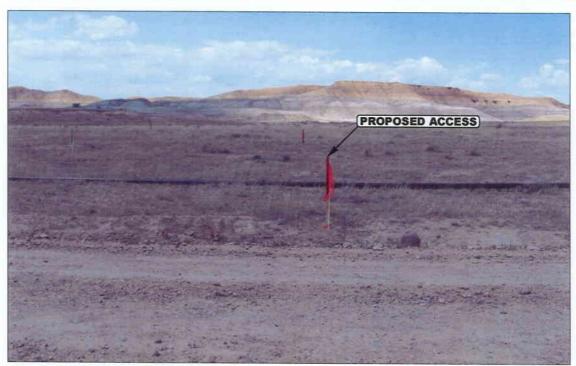


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

**CAMERA ANGLE: NORTHERLY** 



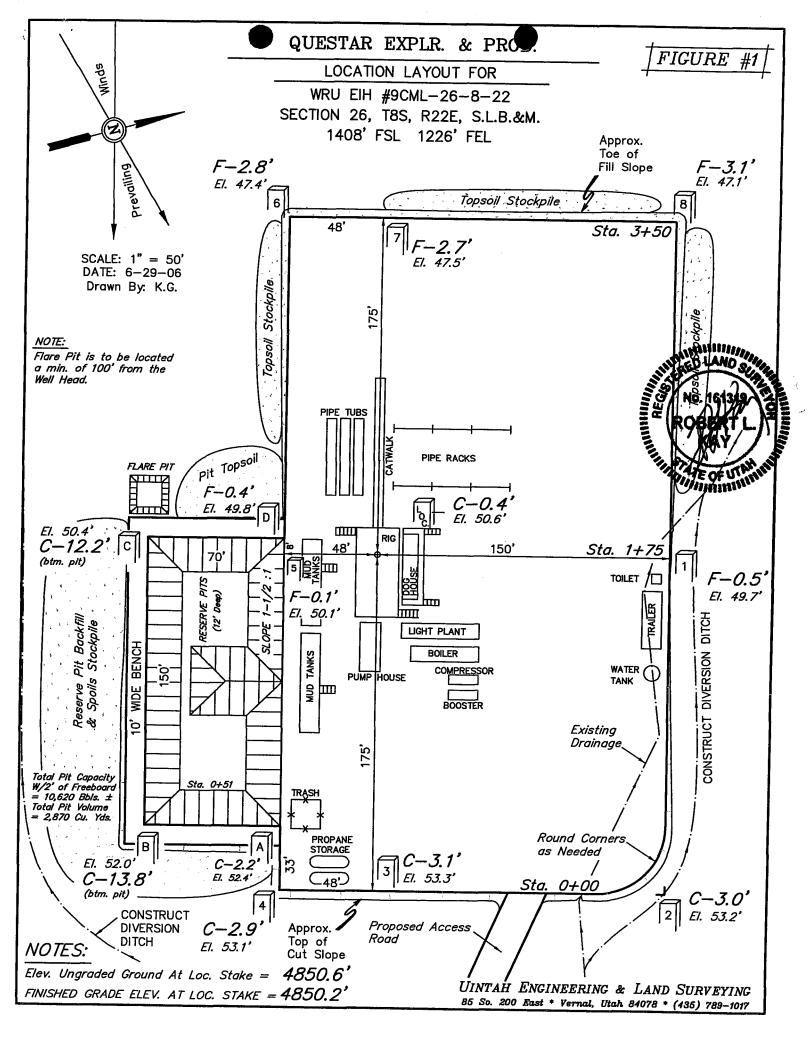
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

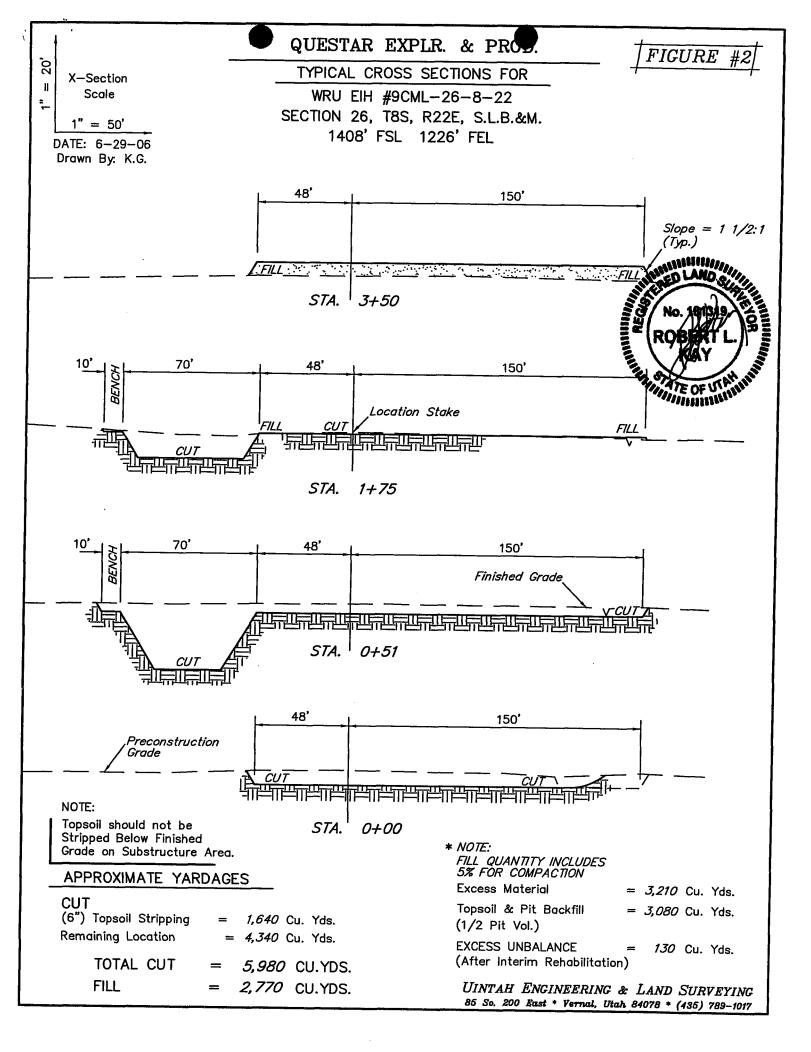
**LOCATION PHOTOS** 

MONTH

**РНОТО** 

TAKEN BY: T.A. | DRAWN BY: B.C. | REVISED: 00-00-00

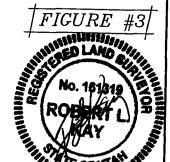




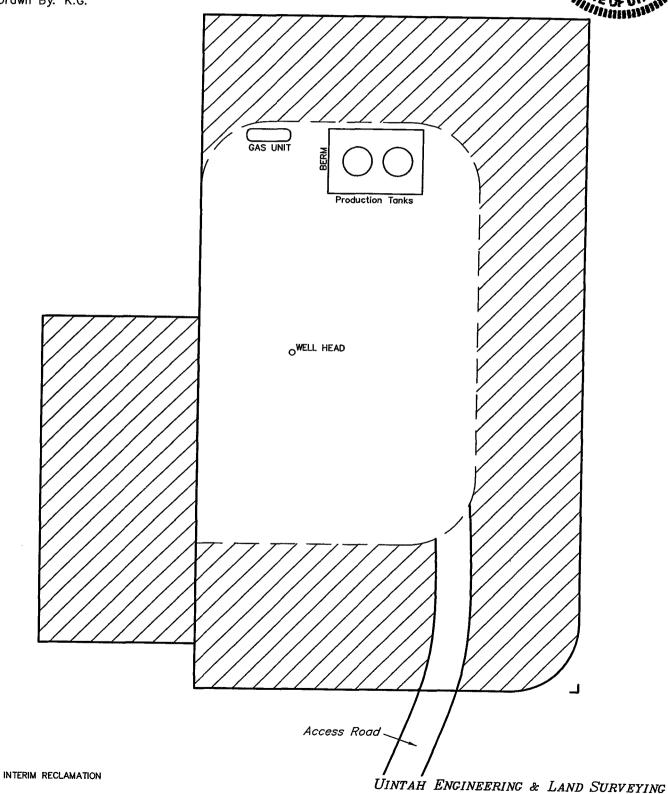
## QUESTAR EXPLR. & PR.

#### INTERIM RECLAMATION PLAN FOR

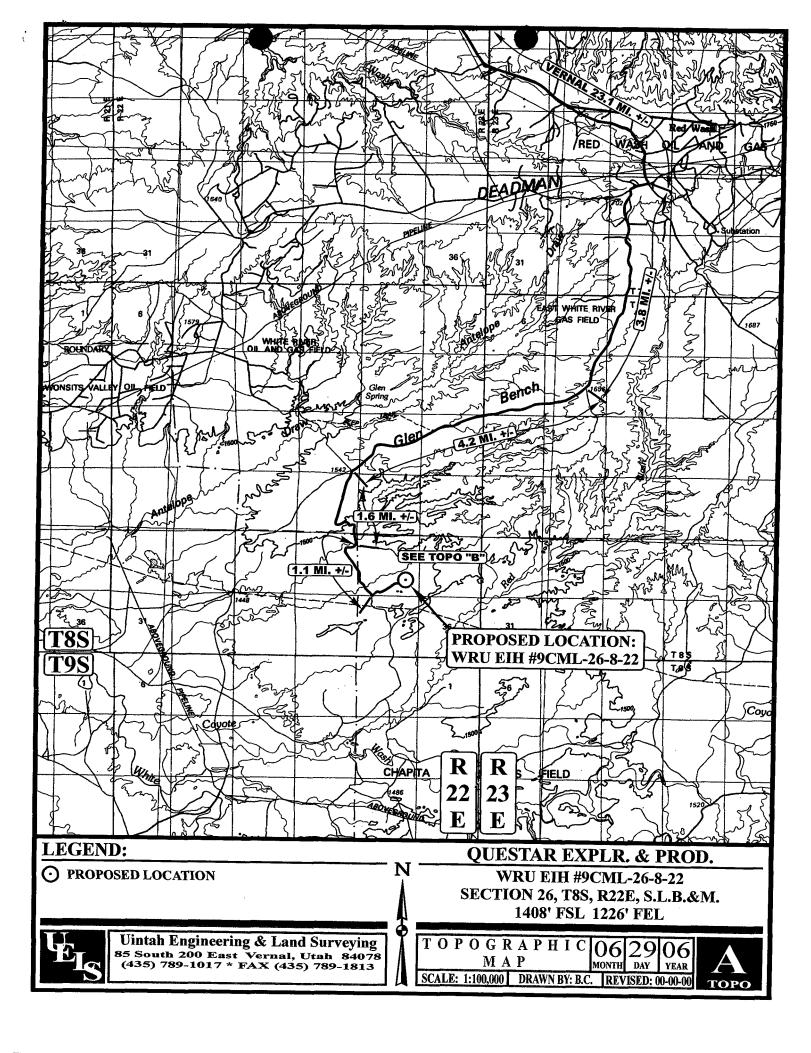
WRU EIH #9CML-26-8-22 SECTION 26, T8S, R22E, S.L.B.&M. 1408' FSL 1226' FEL

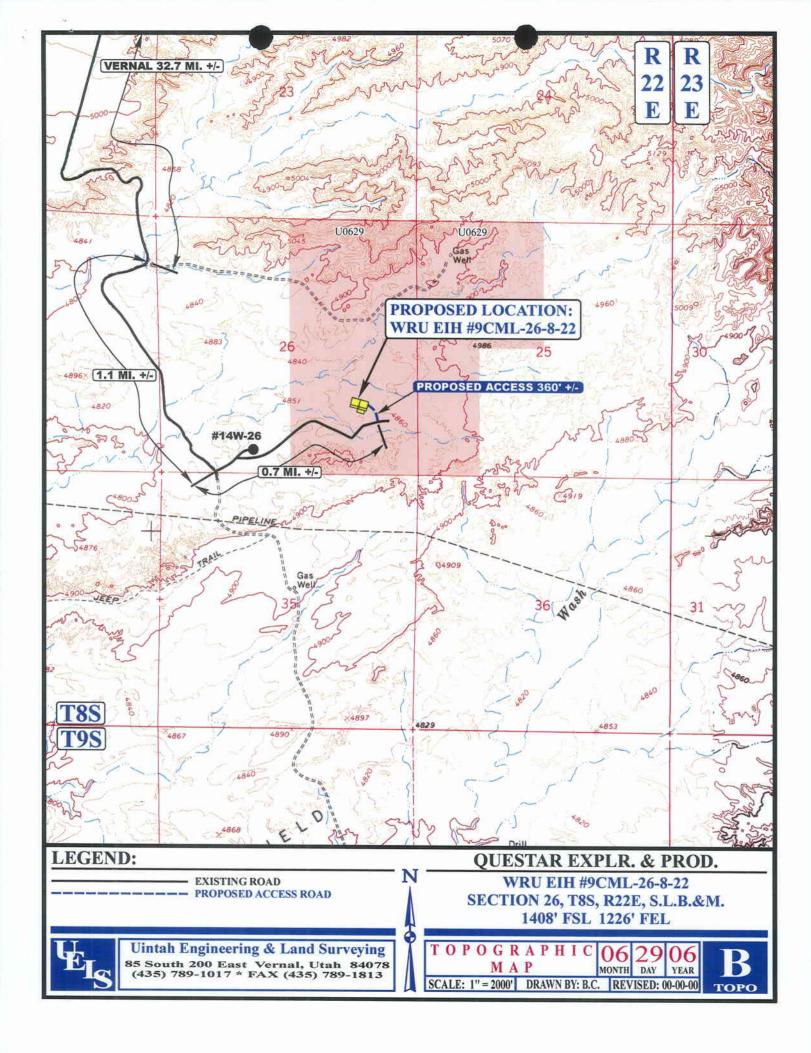


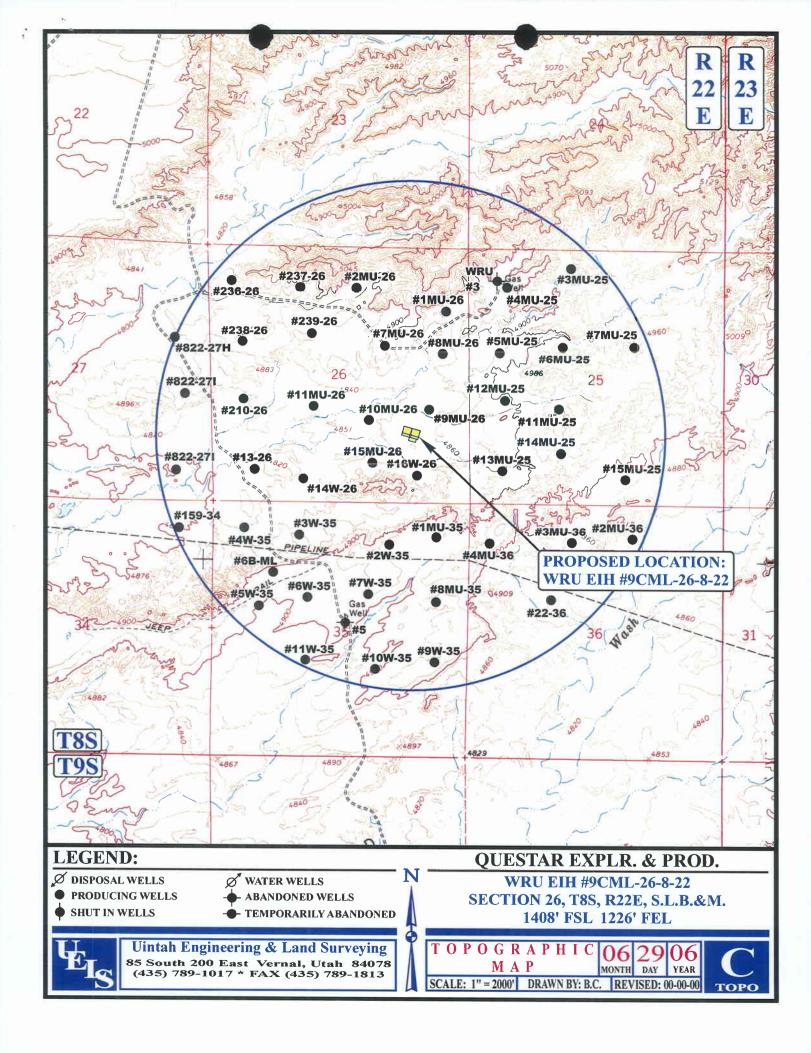
SCALE: 1" = 50' DATE: 6-29-06 Drawn By: K.G.

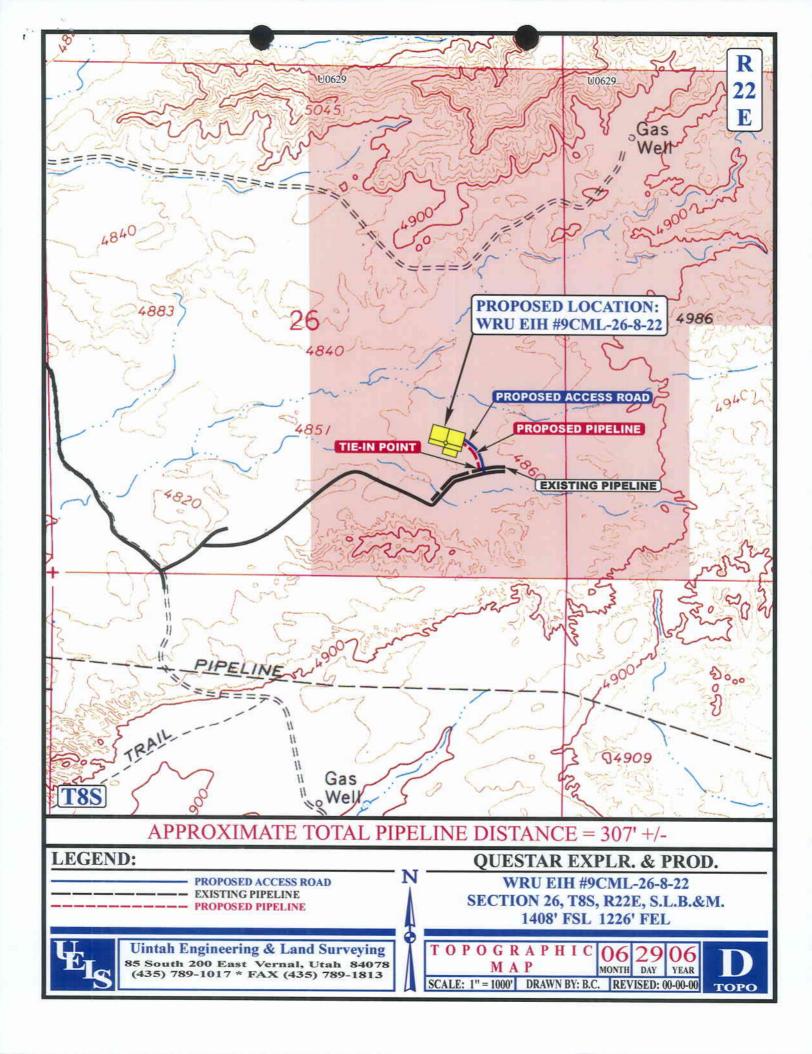


85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

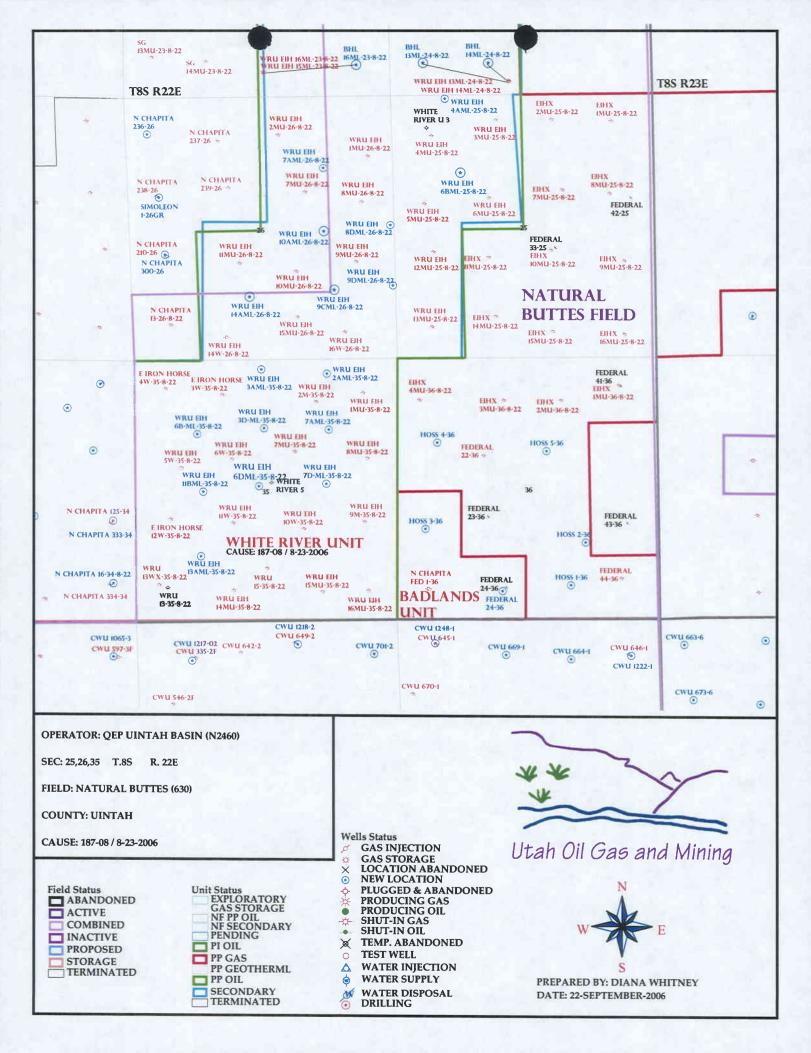








| APD RECEIVED: 09/21/2006  | API NO. ASSIGNED: 43-047-38649   |
|---|--|
| WELL NAME: WRU EIH 9CML-26-8-22  OPERATOR: QEP UINTA BASIN, INC. ( N2460 )  | PHONE NUMBER: 435-781-4331   |
| PROPOSED LOCATION:  | INSPECT LOCATN BY: / /   |
| NESE 26 080S 220E   | Tech Review Initials Date  |
| SURFACE: 1408 FSL 1226 FEL<br>BOTTOM: 1408 FSL 1226 FEL   | Engineering  |
| COUNTY: UINTAH LATITUDE: 40.09046 LONGITUDE: -109.4014  | Geology  |
| UTM SURF EASTINGS: 636281 NORTHINGS: 4438811  | Surface  |
| FIELD NAME: NATURAL BUTTES (630)  LEASE TYPE: 1 - Federal  LEASE NUMBER: UTU-0629  SURFACE OWNER: 1 - Federal   | PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO  |
| Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. ESB000024 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 43-8496 )  RDCC Review (Y/N)  (Date:)  Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N) | LOCATION AND SITING: R649-2-3.  Unit: WHITE RIVER R649-3-2. General         Siting: 460 From Qtr/Qtr & 920' Between Wells         R649-3-3. Exception Drilling Unit         Board Cause No: 187-68         Eff Date: 8-23-04         Siting: Sit |
| Sop, Soperedo   | Cius<br>wa   |



## **United States Department of the Interior**

## BUREAU OF LAND MANAGEMENT Utah State Office

P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 25, 2006

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development White River Unit, Uintah County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the White River Unit, Uintah County, Utah.

| API#         | WELL | NAME |               | LOCATION |    |      |      |      |     |      |     |  |
|--------------|------|------|---------------|----------|----|------|------|------|-----|------|-----|--|
| (Proposed PZ | Mesa | verd | le)           |          |    |      |      |      |     |      |     |  |
| 43-047-38649 | WRU  | EIH  | 09CML-26-8-22 | Sec      | 26 | T08S | R22E | 1408 | FSL | 1226 | FEL |  |
| 43-047-38647 |      |      | 10AML-26-8-22 |          |    |      |      |      |     | 1406 | FEL |  |
| 43-047-38648 | WRU  | EIH  | 14AML-26-8-22 | Sec      | 26 | T08S | R22E | 1274 | FSL | 2375 | FWL |  |
| 43-047-38637 | WRU  | EIH  | 07AML-26-8-22 | Sec      | 26 | T08S | R22E | 1410 | FNL | 1381 | FEL |  |
|              |      |      | 08DML-26-8-22 |          |    |      |      |      | FNL | 0061 | FEL |  |
|              |      |      | 09DML-26-8-22 |          |    |      |      |      |     | 0038 | FEL |  |
| 43-047-38650 | WRU  | EIH  | 06BML-25-8-22 | Sec      | 25 | T08S | R22E | 1531 | FNL | 1387 | FWL |  |
| 43-047-38636 |      | EIH  | 04AML-25-8-22 | Sec      | 25 | T08S | R22E | 0030 | FNL | 1120 | FWL |  |
| 43-047-38640 |      | EIH  | 06DML-35-8-22 | Sec      | 35 | T08S | R22E | 2551 | FNL | 2492 | FWL |  |
| 43-047-38641 |      | EIH  | 07AML-35-8-22 | Sec      | 35 | T08S | R22E | 1409 | FNL | 1378 | FEL |  |
| 43-047-38642 | WRU  | EIH  | 13AML-35-8-22 | Sec      | 35 | T08S | R22E | 1311 | FSL | 1308 | FWL |  |
| 43-047-38643 | WRU  | EIH  | 02AML-35-8-22 | Sec      | 35 | T08S | R22E | 0280 | FNL | 1413 | FEL |  |
| 43-047-38644 |      |      | 03AML-35-8-22 |          |    |      |      |      |     |      | FWL |  |
| 43-047-38651 | WRU  | EIH  | 09CML-23-8-22 | Sec      | 23 | T08S | R22E | 1560 | FSL | 1298 | FEL |  |
|              |      |      | BHL           | Sec      | 23 | T08S | R22E | 1317 | FSL | 1342 | FEL |  |

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - White River Unit

Division of Oil Gas and Mining

Central Files Agr. Sec. Chron



State of Utah

Department of Natural Resources

> MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

September 25, 2006

QEP Uinta Basin, Inc. 11002 E 17500 S Vernal, UT 84078

Re:

WRU EIH 9CML-26-8-22 Well, 1408' FSL, 1226' FEL, NE SE, Sec. 26, T. 8 South, R. 22 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38649.

Sincerely,

Gil Hunt
Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal District Office

| Operator:          | QEP Uinta Basin, Inc. |            |                   |  |  |  |  |
|--------------------|-----------------------|------------|-------------------|--|--|--|--|
| Well Name & Number | WRU EIH 9CML-26-8-22  |            |                   |  |  |  |  |
| API Number:        | 43-047-38649          |            |                   |  |  |  |  |
| Lease:             | UTU-0629              |            |                   |  |  |  |  |
| Location: NE SE    | Sec. 26               | T. 8 South | <b>R.</b> 22 East |  |  |  |  |

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

## Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

| ROUTING |
|---------|
| 1. DJJ  |
| 2. CDW  |

|   |                 |          |                  |                |                 |           | 2. CDW    |
|---|-----------------|----------|------------------|----------------|-----------------|-----------|-----------|
| Change of Operator (Well Sold)  |                 |          | X - Opera        | ator Nam       | e Change/Me     | rger      |           |
| The operator of the well(s) listed below has chan   | ged, effectiv   | e:       |                  |                | 1/1/2007        |           |           |
| FROM: (Old Operator):   |                 |          | TO: ( New Or     | oerator):      |                 |           |           |
| N2460-QEP Uinta Basin, Inc.   |                 |          | N5085-Questar    | E&P Com        | pany            |           |           |
| 1050 17th St, Suite 500   |                 |          | 1050 17          | th St, Suite   | 500             |           |           |
| Denver, CO 80265  |                 |          | Denver,          | , CO 80265     |                 |           |           |
| Phone: 1 (303) 672-6900   |                 |          | Phone: 1 (303)   | 672-6900       |                 |           |           |
| CA No.  |                 |          | Unit:            |                | WHITE RIV       | ER UNI    | Т         |
| WELL NAME   | SEC TWN         | RNG      | API NO           | ENTITY         | LEASE TYPE      | WELL      | WELL      |
|   |                 |          |                  | NO             | <u></u>         | TYPE      | STATUS    |
| SEE ATTACHED LISTS  |                 |          | *                |                |                 |           | <u> </u>  |
| OPERATOR CHANGES DOCUMENT   | ATION           |          |                  |                |                 |           |           |
| Enter date after each listed item is completed  |                 |          |                  |                |                 |           |           |
| 1. (R649-8-10) Sundry or legal documentation wa   | as received fi  | rom the  | FORMER ope       | erator on:     | 4/19/2007       |           |           |
| 2. (R649-8-10) Sundry or legal documentation wa   | as received fi  | rom the  | NEW operator     | on:            | 4/16/2007       | •         |           |
| 3. The new company was checked on the <b>Depart</b>   | ment of Con     | nmerce   | , Division of Co | orporations    | s Database on:  | •         | 1/31/2005 |
| 4a. Is the new operator registered in the State of U  | Jtah:           |          | Business Numb    | er:            | 764611-0143     |           |           |
| 5a. (R649-9-2)Waste Management Plan has been re   | eceived on:     |          | IN PLACE         |                |                 | _         |           |
| 5b. Inspections of LA PA state/fee well sites comp  | lete on:        |          | n/a              | -              |                 |           |           |
| 5c. Reports current for Production/Disposition & S  | Sundries on:    |          | n/a              | _              |                 |           |           |
| 6. Federal and Indian Lease Wells: The BI   | M and or the    | e BIA l  | nas approved the | e merger, na   | me change,      |           |           |
| or operator change for all wells listed on Feder  | al or Indian    | leases c | on:              | BLM            | 4/23/2007       | BIA       | •         |
| 7. Federal and Indian Units:  |                 |          |                  |                |                 |           |           |
| The BLM or BIA has approved the successor   |                 |          |                  |                | 4/23/2007       |           |           |
| 8. Federal and Indian Communization Ag  |                 |          | •                |                |                 |           |           |
| The BLM or BIA has approved the operator  |                 |          |                  | 1100           |                 |           | •         |
| 9. Underground Injection Control ("UIC"   | •               |          |                  |                | orm 5, Transfer | of Auth   | ority to  |
| Inject, for the enhanced/secondary recovery un  | nt/project for  | r the wa | ater disposal we | ll(s) listed o | n;              |           | -         |
| DATA ENTRY:   |                 |          | 4/30/2007 and    | E/1 E/2007     |                 |           |           |
| <ol> <li>Changes entered in the Oil and Gas Database</li> <li>Changes have been entered on the Monthly O</li> </ol> |                 | ngo Sn   |                  | 3/13/2007      | 4/30/2007 and 5 | 5/15/2003 | 7         |
| 3. Bond information entered in RBDMS on:  | регатог Спа     | inge op  | 4/30/2007 and    | 5/15/2007      | 4/50/2007 and 1 | 7/15/2007 | •         |
| 4. Fee/State wells attached to bond in RBDMS or   | ı·              |          | 4/30/2007 and    |                |                 |           |           |
| 5. Injection Projects to new operator in RBDMS  |                 |          | 4/30/2007 and    |                |                 |           |           |
| 6. Receipt of Acceptance of Drilling Procedures   |                 | v on:    | 1/20/2007 tille  | n/a            |                 |           |           |
| BOND VERIFICATION:  |                 |          |                  |                |                 |           |           |
| Federal well(s) covered by Bond Number:   |                 |          | ESB000024        |                |                 |           |           |
| 2. Indian well(s) covered by Bond Number:   |                 |          | 799446           | -              |                 |           |           |
| 3a. (R649-3-1) The NEW operator of any state/fe   | e well(s) list  | ted cov  |                  | -<br>umber     | 965003033       |           |           |
| 3b. The FORMER operator has requested a releas  | se of liability | from t   | heir bond on:    | n/a            |                 | -         |           |
| LEASE INTEREST OWNER NOTIFIC  | =               |          |                  |                | _               |           |           |
| 4. (R649-2-10) The NEW operator of the fee wells  | s has been co   | ntacted  | l and informed b | y a letter fr  | om the Division |           |           |
| of their responsibility to notify all interest owner  | ers of this cha | ange on  | :                | n/a            | _               |           |           |
| COMMENTS: THIS IS A COMPANY NAME O  | CHANGE.         |          |                  |                |                 | ••••      |           |

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

| Original Well Name       | Well Name & No.      | Q/Q  | SEC | TWP  | RNG  | API        | Entity | Lease   | Well Type | Status |
|--------------------------|----------------------|------|-----|------|------|------------|--------|---------|-----------|--------|
| WHITE RIVER 31-4         | WR 31-4              | SWSE | 04  | 080S | 220E | 4304715090 | 4915   | Federal | WS        | A      |
| WRU 15-35-8-22           | WRU EIH 15-35-8-22   | SWSE | 35  | 080S | 220E | 4304733061 | 12528  | Federal | GW        | P      |
| E IRON HORSE 12W-35-8-22 | WRU EIH 12W-35-8-22  | NWSW | 35  | 080S | 220E | 4304733393 | 12528  | Federal | GW        | P      |
| WRU 13W-3-8-22           | WR 13W-3-8-22        | SWSW | 03  | 080S | 220E | 4304733651 | 13544  | Federal | GW        | P      |
| GB 6W-9-8-22             | OU GB 6W-9-8-22      | SENW | 09  | 080S | 220E | 4304734010 | 13545  | Federal | GW        | P      |
| E IRON HORSE 4W-35-8-22  | WRU EIH 4W-35-8-22   | NWNW | 35  | 080S | 220E | 4304734042 | 12528  | Federal | GW        | P      |
| E IRON HORSE 3W-35-8-22  |                      | NENW | 35  | 080S | 220E | 4304734044 | 12528  | Federal | GW        | P      |
| GB 4W-9-8-22             | WRU GB 4WRG-9-8-22   | NWNW | 09  | 080S | 220E | 4304734208 | 4915   | Federal | GW        | DRL    |
| WRU 13WX-35-8-22         | WRU EIH 13WX-35-8-22 | SWSW | 35  | 080S | 220E | 4304734210 | 12528  | Federal | GW        | P      |
| WRU EIH 5W-35-8-22       | WRU EIH 5W-35-8-22   | SWNW | 35  | 080S | 220E | 4304734572 |        | Federal | GW        | P      |
| OU GB 14W-9-8-22         | OU GB 14W-9-8-22     | SESW | 09  | 080S | 220E | 4304734649 |        | Federal | GW        | P      |
| WRU GB 9MU-9-8-22        | WRU GB 9MU-9-8-22    | NESE | 09  | 080S | 220E | 4304734650 |        | Federal | GW        | P      |
| OU GB 10W-9-8-22         | OU GB 10W-9-8-22     | NWSE | 09  | 080S | 220E | 4304734651 |        | Federal | GW        | P      |
| OU GB 12W-9-8-22         | OU GB 12W-9-8-22     | NWSW | 09  | 080S | 220E | 4304734652 |        | Federal | GW        | S      |
| OU GB 15W-9-8-22         | OU GB 15W-9-8-22     | SWSE | 09  | 080S | 220E | 4304734678 | 13545  | Federal | GW        | P      |
| OU GB 16W-9-8-22         | OU GB 16W-9-8-22     | SESE | 09  | 080S | 220E | 4304734679 |        | Federal | GW        | P      |
| WRU EIH 6W-35-8-22       | WRU EIH 6W-35-8-22   | SENW | 35  | 080S | 220E | 4304734684 |        | Federal | GW        | P      |
| GB 11ML-10-8-22          | GB 11ML-10-8-22      | NESW | 10  | 080S | 220E | 4304734691 |        | Federal | GW        | P      |
| WRU EIH 11W-35-8-22      | WRU EIH 11W-35-8-22  | NESW | 35  | 080S | 220E | 4304734708 |        | Federal | GW        | P      |
| WRU GB 5M-9-8-22         | WRU GB 5M-9-8-22     | SWNW | 09  | 080S | 220E | 4304734753 |        | Federal | GW        | P      |
| OU GB 12W-4-8-22         | OU GB 12W-4-8-22     | NWSW | 04  | 080S | 220E | 4304734762 |        | Federal | GW        | P      |
| OU GB 12M-10-8-22        | OU GB 12M-10-8-22    | NWSW | 10  | 080S | 220E | 4304734769 |        | Federal | GW        | P      |
| WRU EIH 14W-26-8-22      | WRU EIH 14W-26-8-22  | SESW | 26  | 080S | 220E | 4304734835 | _      | Federal | GW        | S      |
| WRU EIH 11MU-26-8-22     | WRU EIH 11MU-26-8-22 | NESW | 26  | 080S | 220E | 4304734836 | _      | Federal | GW        | P      |
| WRU EIH 10W-35-8-22      | WRU EIH 10W-35-8-22  | NWSE | 35  | 080S | 220E | 4304735046 |        | Federal | GW        | P      |
| WRU EIH 9MU-26-8-22      | WRU EIH 9MU-26-8-22  | NESE | 26  | 080S | 220E | 4304735047 |        | Federal | GW        | P      |
| WRU EIH 15MU-26-8-22     | WRU EIH 15MU-26-8-22 | SWSE | 26  | 080S | 220E | 4304735048 |        | Federal | GW        | P      |
| WRU EIH 1MU-35-8-22      | WRU EIH 1MU-35-8-22  | NENE | 35  | 080S | 220E | 4304735049 |        | Federal | GW        | P      |
| WRU EIH 9M-35-8-22       | WRU EIH 9M-35-8-22   | NESE | 35  | 080S | 220E | 4304735050 |        | Federal | GW        | P      |
| WRU EIH 7MU-35-8-22      | WRU EIH 7MU-35-8-22  | SWNE | 35  | 080S | 220E | 4304735051 |        | Federal | GW        | P      |
| WRU EIH 1MU-26-8-22      | WRU EIH 1MU-26-8-22  | NENE | 26  | 080S | 220E | 4304735118 |        | Federal | GW        | P      |
| WRU EIH 7MU-26-8-22      | WRU EIH 7MU-26-8-22  | SENE | 26  | 080S | 220E | 4304735119 |        | Federal | GW        | P      |
| WRU EIH 10MU-26-8-22     | WRU EIH 10MU-26-8-22 | NWSE | 26  | 080S | 220E | 4304735120 |        | Federal | GW        | P      |
| WRU EIH 15MU-35-8-22     | WRU EIH 15MU-35-8-22 | SWSE | 35  | 080S | 220E | 4304735121 |        | Federal | GW        | P      |
| WRU EIH 10ML-23-8-22     | WRU EIH 10ML-23-8-22 | NWSE | 23  | 080S | 220E | 4304735187 |        | Federal | GW        | P      |
| SG 12MU-23-8-22          | SG 12MU-23-8-22      | NWSW | 23  | 080S | 220E | 4304735188 |        | Federal | GW        | P      |
| WRU EIH 9ML-23-8-22      | WRU EIH 9ML-23-8-22  | NESE | 23  | 080S | 220E | 4304735189 |        | Federal | GW        | P      |
| WRU EIH 16MU-26-8-22     | WRU EIH 16MU-26-8-22 | SESE | 26  | 080S | 220E | 4304735191 |        | Federal | GW        | P      |
| WRU EIH 2MU-26-8-22      | WRU EIH 2MU-26-8-22  | NWNE | 26  | 080S | 220E | 4304735191 |        | Federal | GW        | P      |
| WRU EIH 8MU-26-8-22      | WRU EIH 8MU-26-8-22  | SENE | 26  | 080S | 220E | 4304735192 |        | Federal | GW        | P      |
| WRU EIH 16MU-35-8-22     | WRU EIH 16MU-35-8-22 | SESE | 35  | 080S | 220E |            |        | Federal | GW        | P      |

| Original Well Name    | Well Name & No.       | Q/Q  | SEC | TWP  | RNG  | API        | Entity         | Lease   | Well Type | Status |
|-----------------------|-----------------------|------|-----|------|------|------------|----------------|---------|-----------|--------|
| WRU EIH 8MU-35-8-22   | WRU EIH 8MU-35-8-22   | SENE | 35  | 080S | 220E | 4304735195 | 12528          | Federal | GW        | P      |
| WRU EIH 13MU-25-8-22  | WRU EIH 13MU-25-8-22  | swsw | 25  | 080S | 220E | 4304735329 |                | Federal | GW        | P      |
| WRU EIH 15ML-23-8-22  | WRU EIH 15ML-23-8-22  | SWSE | 23  | 080S | 220E | 4304735387 |                | Federal | GW        | P      |
| WRU EIH 4MU-25-8-22   | WRU EIH 4MU-25-8-22   | NWNW | 25  | 080S | 220E | 4304735388 |                | Federal | GW        | P      |
| WRU EIH 3MU-25-8-22   | EIH 3MU-25-8-22       | NENW | 25  | 080S | 220E | 4304735389 |                | Federal | GW        | P      |
| WRU EIH 12ML-24-8-22  | WRU EIH 12ML-24-8-22  | NWSW | 24  | 080S | 220E | 4304735425 |                | Federal | GW        | P      |
| WRU EIH 14ML-24-8-22  | WRU EIH 14ML-24-8-22  | SESW | 24  | 080S | 220E | 4304735426 |                | Federal | GW        | P      |
| WRU EIH 6MU-25-8-22   | WRU EIH 6MU-25-8-22   | SENW | 25  | 080S | 220E | 4304735431 |                | Federal | GW        | P      |
| WRU EIH 5MU-25-8-22   | WRU EIH 5MU-25-8-22   | SWNW | 25  | 080S | 220E | 4304735432 | 12528          | Federal | GW        | P      |
| WRU EIH 12MU-25-8-22  | WRU EIH 12MU-25-8-22  | NWSW | 25  | 080S | 220E | 4304735601 | 12528          | Federal | GW        | P      |
| WRU EIH 14MU-35-8-22  | WRU EIH 14MU-35-8-22  | SESW | 35  | 080S | 220E | 4304735667 | 12528          | Federal | GW        | P      |
| WRU EIH 13ML-24-8-22  | WRU EIH 13ML-24-8-22  | SESW | 24  | 080S | 220E | 4304735793 | 12528          | Federal | GW        | P      |
| WRU EIH 16ML-23-8-22  | WRU EIH 16ML-23-8-22  | SWSE | 23  | 080S | 220E | 4304735804 | 12528          | Federal | GW        | P      |
| WRU EIH 11ML-24-8-22  | WRU EIH 11ML-24-8-22  | NWSW | 24  | 080S | 220E | 4304735805 | 12528          | Federal | GW        | P      |
| WRU EIH 6B-ML-35-8-22 | WRU EIH 6B-ML-35-8-22 | SWNW | 35  | 080S | 220E | 4304737299 | 12528          | Federal | GW        | P      |
| WRU EIH 6B-ML-35-8-20 | WRU EIH 6B-ML-35-8-21 | SWNW | 35  | 080S | 220E | 4304737299 | 15281<br>12528 | Federal | GW        | S      |
| WRU EIH 11BML-35-8-22 | WRU EIH 11BML-35-8-22 | NESW | 35  | 080S | 220E | 4304737300 |                | Federal | GW        | P      |
| WRU EIH 3D-ML-35-8-22 | WRU EIH 3D-ML-35-8-22 | SENW | 35  | 080S | 220E | 4304737465 |                | Federal | GW        | P      |
| WRU EIH 7D-ML-35-8-22 | WRU EIH 7D-ML-35-8-22 | SWNE | 35  | 080S | 220E | 4304737466 |                | Federal | GW        | P      |
| WRU EIH 4AML-25-8-22  | WRU EIH 4AD-25-8-22   | NWNW | 25  | 080S | 220E | 4304738636 |                | Federal | GW        | APD    |
| WRU EIH 7AML-26-8-22  | WRU EIH 7AD-26-8-22   | SWNE | 26  | 080S | 220E | 4304738637 |                | Federal | GW        | APD    |
| WRU EIH 8DML-26-8-22  | WRU EIH 8DML-26-8-22  | SENE | 26  | 080S | 220E | 4304738638 |                | Federal | GW        | APD    |
| WRU EIH 9DML-26-8-22  | WRU EIH 9DML-26-8-22  | NESE | 26  | 080S | 220E | 4304738639 |                | Federal | GW        | APD    |
| WRU EIH 6DML-35-8-22  | WRU EIH 6DD-35-8-22   | SENW | 35  | 080S | 220E | 4304738640 |                | Federal | GW        | APD    |
| WRU EIH 7AD-35-8-22   | WRU EIH 7AD-35-8-22   | SWNE | 35  | 080S | 220E | 4304738641 |                | Federal | GW        | APD    |
| WRU EIH 13AML-35-8-22 | WRU EIH 14BD-35-8-22  | SWSW | 35  | 080S | 220E | 4304738642 |                | Federal | GW        | APD    |
| WRU EIH 2AML-35-8-22  | WRU EIH 2AML-35-8-22  | NWNE | 35  | 080S | 220E | 4304738643 |                | Federal | GW        | APD    |
| WRU EIH 3AD-35-8-22   | WRU EIH 3AD-35-8-22   | NENW | 35  | 080S | 220E | 4304738644 |                | Federal | GW        | APD    |
| WRU EIH 10AML-26-8-22 | WRU EIH 10AML-26-8-22 | NWSE | 26  | 080S | 220E | 4304738647 |                | Federal | GW        | APD    |
| WRU EIH 14AML-26-8-22 | WRU EIH 14AML-26-8-22 | SESW | 26  | 080S | 220E | 4304738648 |                | Federal | GW        | APD    |
| WRU EIH 9CML-26-8-22  | WRU EIH 9CD-26-8-22   | NESE | 26  | 080S | 220E | 4304738649 |                | Federal | GW        | APD    |
| WRU EIH 6BML-25-8-22  | WRU EIH 6BML-25-8-22  | SENW | 25  | 080S | 220E | 4304738650 |                | Federal | GW        | APD    |
| WRU EIH 15AG-35-8-22  | WRU EIH 15AG-35-8-22  | SWSE | 35  | 080S | 220E | 4304738772 |                | Federal | OW        | APD    |
| WRU EIH 15AML-35-8-22 | WRU EIH 15AD-35-8-22  | SWSE | 35  | 080S | 220E | 4304738773 |                | Federal | GW        | APD    |

STATE OF UTAH
EPARTMENT OF NATURAL RESOURCES

|   |   | DIVISION OF OIL  |  |  |  |  |   | SE DESIGNATION AND SERIAL NUMBER:   |  |  |
|---|---|--|--|--|--|--|---|---|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS   |   |  |  |  |  |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br>see attached |   |  |  |
| Do not use this form f  | or proposals to drill ne<br>drill horizontal lat  | ew wells, significantly deeper<br>terals. Use APPLICATION F  | existing wells below cur<br>OR PERMIT TO DRILL   | rrent bottom-ho                          | le depth, re-  | enter plugged wells, or to   |   | T or CA AGREEMENT NAME:<br>attached   |  |  |
| drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1. TYPE OF WELL GAS WELL OTHER       |   |  |  |  |  |  | 8. WELL NAME and NUMBER:<br>See attached              |   |  |  |
| 2. NAME OF OPERAT   | OR:   |  |  |  |  | <u>-</u>   |   | NUMBER:   |  |  |
| QUESTAR E   | XPLORATION  | N AND PRODUC   | TION COMPAN  | ٧Y                                       |  |  |   | ched  |  |  |
| 3. ADDRESS OF OPE<br>1050 17th Street   | Suite 500 CITA  | Denver   | STATE CO   | 80265                                    |  | O3) 308-3068   | 10. FI  | ELD AND POOL, OR WILDCAT:   |  |  |
| 4. LOCATION OF WEI  | LL<br>RFACE: <b>attach</b> e  | od.  |  |  |  |  |   | Llintoh   |  |  |
| FOOTAGES AT SU  | KFACE: allacile   | 5 <b>u</b>   |  |  |  |  | COUN  | ry: Uintah  |  |  |
| QTR/QTR, SECTIO   | N, TOWNSHIP, RANG   | GE, MERIDIAN;  |  |  |  |  | STATE   | UTAH  |  |  |
| 11. C   | HECK APPR   | OPRIATE BOXE   | S TO INDICAT   | E NATU                                   | RE OF  | NOTICE, REPO   | ₹T, O   | R OTHER DATA  |  |  |
| TYPE OF SUI   | BMISSION  |  |  |  | TYPE   | OF ACTION  |   |   |  |  |
| NOTICE OF IN  | NTENT   | ACIDIZE  |  | DEEP                                     | ΕN   |  |   | REPERFORATE CURRENT FORMATION   |  |  |
| (Submit in Du   | iplicate)   | ALTER CASING   |  | FRAC                                     | TURE TREA  | AT   |   | SIDETRACK TO REPAIR WELL  |  |  |
| Approximate date  | e work will start;  | CASING REPAIR  |  | NEW                                      | CONSTRUC   | CTION  |   | TEMPORARILY ABANDON   |  |  |
| 1/1/2007  |   | CHANGE TO PREVI  | OUS PLANS  | OPER.                                    | ATOR CHA   | NGE  |   | TUBING REPAIR   |  |  |
|   |   | CHANGE TUBING  |  | PLUG                                     | AND ABAN   | DON  |   | VENT OR FLARE   |  |  |
| SUBSEQUEN' (Submit Origin   | T REPORT<br>nai Form Only)  | CHANGE WELL NAM  | 1E   | PLUG                                     | BACK   |  |   | WATER DISPOSAL  |  |  |
| Date of work com  |   | CHANGE WELL STA  | TUS  | PROD                                     | UCTION (S  | TART/RESUME)   |   | WATER SHUT-OFF  |  |  |
|   |   | COMMINGLE PROD   | UCING FORMATIONS   | RECLA                                    | MATION C   | OF WELL SITE   | $\checkmark$  | отнея: Operator Name  |  |  |
|   |   | CONVERT WELL TY  | PE   | RECO                                     | MPLETE - I   | DIFFERENT FORMATION  |   | Change  |  |  |
| Effective January AND PRODUCTOR Change of operate on the attached Federal Bond Utah State Bond Current operate attached list. | uary 1, 2007 of<br>CTION COMI<br>erator is involved list. All ope<br>Number: 969<br>and Number:<br>ad Number:<br>tor of record,<br>erator of reco | operator of record<br>PANY. This name<br>ved. The same e<br>erations will contil<br>5002976 (BLM Ro<br>965003033<br>965003033<br>QEP UINTA BAS | , QEP Uinta Base change involved in the covered and the covere | by resigns  B. Nees  AND PRO  On the att | will he an inter to be re nd num 4) s as op e, Execoduct ached I | nal corporate nan<br>sponsible for ope<br>nbers:<br>erator of the prop<br>cutive Vice Presid<br>TON COMPANY, | as QI<br>ne ch<br>ration<br>erties<br>ent, C<br>heret | JESTAR EXPLORATION ange and no third party s of the properties described as described on the DEP Uinta Basin, Inc. by assumes all rights, duties pany |  |  |
| NAME (PLEASE PRINT  | Detora K. Si  | tanberry 3 A   |  |  | Ç  | Supervisor, Regul  | aton  | Affaire   |  |  |
|   | ,/ j, (   |  | 1.   |  |  |  | ator y  | , Middlig   |  |  |
| SIGNATURE   | <u></u>   | J. Afra  | eserg-   |  | DATE _   | 3/16/2007  |   |   |  |  |
| This space for State use  | only)   |  |  |  |  |  |   | 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   |  |  |

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APR 1 9 2007

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

FORM 9

| -  | 5. LEASE DESIGNATION AND SERIAL NUMBER:<br>See attached |   |                                 |  |
|--|---|---|---------------------------------|--|
| SUNDR  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME;<br>See attached   |   |                                 |  |
| Do not use this form for proposals to dri<br>drill horizonta | 7. UNIT OF CA AGREEMENT NAME:<br>See attached           |   |                                 |  |
| 1 TYPE OF WELL OIL WEL                                       | 8. WELL NAME and NUMBER:<br>see attached                |   |                                 |  |
|  | ON AND PRODUCTION COMPA                                 | NY  | 9. API NUMBER:<br>attached      |  |
| 3 ADDRESS OF OPERATOR<br>1050 17th Street Suite 500          | , Denver STATE CO ZI                                    | PHONE NUMBER: (303) 308-3068                      | 10. FIELD AND POOL, OR WILDCAT: |  |
| 4 LOCATION OF WELL FOOTAGES AT SURFACE: attac                |   | 1 3   | соинту: Uintah                  |  |
| QTR/QTR, SECTION, TOWNSHIP, RA                               | NGE, MERIDIAN:  |   | STATE: UTAH                     |  |
| 11. CHECK APP  | PROPRIATE BOXES TO INDICAT                              | TE NATURE OF NOTICE, REPO                         | RT, OR OTHER DATA               |  |
| TYPE OF SUBMISSION   |   | TYPE OF ACTION                                    |                                 |  |
| NOTICE OF INTENT   | ACIDIZE   | DEEPEN  | REPERFORATE CURRENT FORMATION   |  |
| (Submit in Duplicate)  Approximate date work will start:     | ALTER CASING  | FRACTURE TREAT                                    | SIDETRACK TO REPAIR WELL        |  |
| .,   | CASING REPAIR CHANGE TO PREVIOUS PLANS                  | NEW CONSTRUCTION                                  | TEMPORARILY ABANDON             |  |
| 1/1/2007   | CHANGE TUBING   | OPERATOR CHANGE                                   | TUBING REPAIR                   |  |
| SUBSEQUENT REPORT  | CHANGE WELL NAME  | PLUG AND ABANDON PLUG BACK                        | VENT OR FLARE                   |  |
| (Submit Original Form Only)                                  | CHANGE WELL STATUS                                      | PRODUCTION (START/RESUME)                         | WATER DISPOSAL                  |  |
| Date of work completion:                                     | COMMINGLE PRODUCING FORMATIONS                          | RECLAMATION OF WELL SITE                          | WATER SHUT-OFF                  |  |
|  | CONVERT WELL TYPE                                       | RECOMPLETE - DIFFERENT FORMATION                  | ✓ OTHER: Well Name Changes      |  |
| 12. DESCRIBE PROPOSED OR C                                   |   | pertinent details including dates, depths, volume |                                 |  |
| PER THE ATTACHED LI  |   | ORATION AND PRODUCTION C                          | SOMPANY REQUESTS THAT THE       |  |
| NAME (PLEASE PRINT) Debra K.                                 | Stapberry   | TITLE Supervisor, Regul                           | atory Affairs                   |  |
| SIGNATURE  | 3 th Seng   | DATE 4/17/2007                                    |                                 |  |
| This space for State use only!                               |   |   |                                 |  |

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### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

April 23, 2007

Questar Exploration and Production Company 1050 17th Street, Suite 500 Denver, Colorado 80265

Re:

White River Unit Uintah County, Utah

#### Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the White River Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the White River Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the White River Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

**Enclosure** 

bcc: Field Manager - Vernal (w/enclosure)

SITLA

Division of Oil, Gas & Mining

File - White River Unit (w/enclosure)

Agr. Sec. Chron Reading File

noadnig i ne

Central Files

UT922:TAThompson:tt:4/23/07

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DIV. OF CIL, GAS & MINING

Form 3960-3

**UNITED STATES DEPARTMENT OF THE INTERIOR** 

SUBMIT IN TRIPLICATES

Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

| BUREAU OF LAND MANAGI  | EMENT                        |  | UTU-  | 0629             |  |  |  |  |
|--|------------------------------|--|---|------------------|--|--|--|--|
|  |                              |  | 6. IF INDIAN, ALLOTTEE C                      | OR TRIBE NAME    |  |  |  |  |
| APPLICATION FOR PERMIT   | N/A                          |  |   |                  |  |  |  |  |
| TYPE OF WORK   |                              | •                                      | 7. UNIT AGREEMENT NAME                        |                  |  |  |  |  |
| DRILL 2  |                              | WHITE RIVER UNIT                       |   |                  |  |  |  |  |
| TYPE OF WELL   |                              |  | 8. FARM OR LEASE NAME, WELL NO.               |                  |  |  |  |  |
| □ ☑ □ SINGLE   | ✓ MULTIPLE                   |  |   |                  |  |  |  |  |
| OIL WELL GAS WELL OTHER ZONE   |                              | WRU EIH 9CML-26-8-22                   |   |                  |  |  |  |  |
| 2. NAME OF OPERATOR  QEP UINTA BASIN, INC.   | son<br>an.nelson@questar.com | 9.API NUMBER:<br>4-3,047,381,49        |   |                  |  |  |  |  |
| 3. ADDRESS   | Telphone number              |  | 10. FIELD AND POOL, OR WILDCAT                |                  |  |  |  |  |
| 11002 E. 17500 S. Vernal, Ut 84078   | Phone 435-                   | 781-4331 Fax 435-781-4323              | WHITE RIVER                                   |                  |  |  |  |  |
| 4. LOCATION OF WELL (Report location clearly and in a  | ccordance with an            | d State requirements*)                 | 11. SEC.,T, R, M, OR BLK                      | & SURVEY OR AREA |  |  |  |  |
| At Surface 1408' FSL 1226' FEL   | NESE SECTION 2               | 6 T8S R22E                             |   |                  |  |  |  |  |
| At proposed production zone  |                              |  | SEC. 26, T8S, R22E Mer SLB                    |                  |  |  |  |  |
| 14. DISTANCE IN MILES FROM NEAREST TOWN OR PO  | STOFFICE*                    |  | 12. COUNTY OR PARISH                          | 13. STATE        |  |  |  |  |
| 33 + / - SOUTHEAST OF VERNAL, UTAH   |                              |  | Uintah  | UT               |  |  |  |  |
| 15. DISTANCE FROM PROPOSED LOCATION TO NEAR  | EST                          | 16.NO.OF ACRES IN LEASE                | 17. NO. OF ACRES ASSIG                        | NED TO THIS WELL |  |  |  |  |
| PROPERTY OR LEASE LINE, FT.  |                              | ·                                      |   |                  |  |  |  |  |
| (also to nearest drig,unit line if any)  |                              | 560.00                                 | 21  | 0                |  |  |  |  |
| 1226' +/-  |                              |  |   |                  |  |  |  |  |
| 18.DISTANCE FROM PROPOSED location to nearest we   | ll, drilling,                | 19. PROPOSED DEPTH                     | 20. BLM/BIA Bond No. on                       | file             |  |  |  |  |
| completed, applied for, on this lease, ft  |                              | 10,075'                                | ESB000024                                     |                  |  |  |  |  |
| 1000' +/-  |                              |  |   |                  |  |  |  |  |
| 21. ELEVATIONS (Show whether DF, RT, GR, ect.)   |                              | 22. DATE WORK WILL START               | 23. Estimated duration                        |                  |  |  |  |  |
| 4850.2' GR   |                              | ASAP                                   | 14 days                                       |                  |  |  |  |  |
| 24. Attachments  |                              |  |   |                  |  |  |  |  |
|  |                              |  |   | ***              |  |  |  |  |
| The following,completed in accordance with the require   | nents of Onshore C           |  |   | <b></b> .        |  |  |  |  |
| Well plat certified by a registered surveyor.  |                              | 4. Bond to cover the operations unless | s covered by an exisiting bond or             | n file (see      |  |  |  |  |
| <ol><li>A Drilling Plan</li><li>A surface Use Plan (if location is on National Forest System L</li></ol> | ands                         | Item 20 above).                        |   |                  |  |  |  |  |
| the SUPO shall be filed with the appropriate Forest Service Off  |                              | 5. Operator certification.             |   |                  |  |  |  |  |
| the SOPO shall be filed with the appropriate Polest Service Of   | ice).                        | ·                                      | mation and/or plans as may be required by the |                  |  |  |  |  |
|  |                              | authorized officer.                    |   |                  |  |  |  |  |
| //   |                              |  |   |                  |  |  |  |  |
|  |                              |  |   |                  |  |  |  |  |
| And I so   | N                            | and the National                       | DATE  | 0.40.06          |  |  |  |  |
| SIGNED // W  | Name (printed/typ            | ed) Jan Neison                         | DATE  | 9-18-06          |  |  |  |  |
|  |                              |  |   |                  |  |  |  |  |
| TITLE Regulatory Affairs   |                              |  |   |                  |  |  |  |  |
| (This space for Federal or State office use)   | RECEIVED                     |  |   |                  |  |  |  |  |
| DEDMIT NO  | APPROVA                      |  |   |                  |  |  |  |  |
| PERMIT NO.   |                              | FEB 2                                  | 8 2007  |                  |  |  |  |  |
| CONDITIONS OF ADDROVAL IF ANY  |                              |  |   |                  |  |  |  |  |
| CONDITIONS OF APPROVAL, IF ANY:  | 198                          | sistant Field Mahages Oil, G           | AS & MINING                                   |                  |  |  |  |  |
| APPROVED BY  | TITLE Land                   | 8 & Mineral Resources                  | DATE  | 2/23/2017        |  |  |  |  |

SEP 2 0 2006

CONDITIONS OF APPROVAL ATTACHED

NOTICE OF APPROVALCONFIDENTIAL

**BLM VERNAL, UTAH** 06TT0256A

1005 8/9/06



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE



170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400

#### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: QEP Uinta Basin, Inc.

Location: Lease No: **NESE, Sec 26 T8S, R22E** 

Well No:

WRU EIH 9CML-26-8-22

ease No: UTU-0629

API No: 43-047-38649

Agreement: White River Unit

| Title                             | Name            | Office Phone Number | <b>Cell Phone Number</b> |
|-----------------------------------|-----------------|---------------------|--------------------------|
| Petroleum Engineer:               | Matt Baker      | 435-781-4490        | 435-828-4470             |
| Petroleum Engineer:               | Michael Lee     | 435-781-4432        | 435-828-7875             |
| Petroleum Engineer:               | James Ashley    | 435-781-4470        | 435-828-7874             |
| Petroleum Engineer:               | Ryan Angus      | 435-781-4430        |                          |
| Supervisory Petroleum Technician: | Jamie Sparger   | 435-781-4502        | 435-828-3913             |
| NRS/Enviro Scientist:             | Paul Buhler     | 435-781-4475        | 435-828-4029             |
| NRS/Enviro Scientist:             | Karl Wright     | 435-781-4484        |                          |
| NRS/Enviro Scientist:             | Holly Villa     | 435-781-4404        |                          |
| NRS/Enviro Scientist:             | Melissa Hawk    | 435-781-4476        | 435-828-7381             |
| NRS/Enviro Scientist:             | Chuck MacDonald | 435-781-4441        |                          |
| NRS/Enviro Scientist:             | Jannice Cutler  | 435-781-3400        |                          |
| NRS/Enviro Scientist:             | Michael Cutler  | 435-781-3401        |                          |
| NRS/Enviro Scientist:             | Anna Figueroa   | 435-781-3407        |                          |
| NRS/Enviro Scientist:             | Verlyn Pindell  | 435-781-3402        |                          |
| NRS/Enviro Scientist:             | Darren Williams | 435-781-4447        |                          |
| NRS/Enviro Scientist:             | Nathan Packer   | 435-781-3405        |                          |
| After Hours Contact Number: 435-7 | <b>'81-4513</b> | Fax: 435-781-4410   |                          |

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### **NOTIFICATION REQUIREMENTS**

| Location Construction (Notify NRS/Enviro Scientist)                     | - | Forty-Eight (48) hours prior to construction of location and access roads.  |
|---|---|---|
| Location Completion (Notify NRS/Enviro Scientist)                       | - | Prior to moving on the drilling rig.  |
| Spud Notice<br>(Notify Petroleum Engineer)                              | - | Twenty-Four (24) hours prior to spudding the well.  |
| Casing String & Cementing (Notify Supervisory Petroleum Technician)     | - | Twenty-Four (24) hours prior to running casing and cementing all casing strings   |
| BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician) | - | Twenty-Four (24) hours prior to initiating pressure tests   |
| First Production Notice<br>(Notify Petroleum Engineer)                  | - | Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days |

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### Conditions for Approval are in the APD or SOP

- The buried pipeline exception request has been received. It has been determined that the pipeline route has bedrock exposed at the surface. The exception is granted for a surface pipeline.
- A BLM qualified and permitted paleontologist would monitor the location and road. If any fossils are found the paleontologist would be required to preserve the fossils by locating them to proper facilities.

#### **General Surface COA**

Operator shall notify any active Gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- An approved Sundry Notice is required before adding any oil to the drilling mud.
- A formation integrity test shall be performed at the intermediate casing shoe.
- A Cement Bond Log (CBL) shall be run in the production casing from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the
  daily drilling report. Components shall be operated and tested as required by Onshore Oil &
  Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be
  performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be
  reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.

Page 4 of 6 Well: WRU EIH 9CML-26-8-22 2/23/2007

- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals shall be reported and protected. A sample shall be taken
  of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas
  shows shall be adequately tested for commercial possibilities, reported, and protected.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior
  approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30
  days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given
  before resumption of operations.
- Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a
  weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is
  completed.
- Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written
  report requirement. Any additional construction, reconstruction, or alterations of facilities,
  including roads, gathering lines, batteries, etc., which will result in the disturbance of new
  ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of
  43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe
  and shall be utilized to determine the bond quality for the production casing. Submit a field copy
  of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to
  the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for
  liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted
  to the BLM, Vernal Field Office within 30 days of installation or first production, whichever
  occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be
  adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively
  sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.

Page 6 of 6 Well: WRU EIH 9CML-26-8-22 2/23/2007

- o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or
  abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent
  Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual
  plugging of the well bore, showing location of plugs, amount of cement in each, and amount of
  casing left in hole, and the current status of the surface restoration.

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OU. CAS AND MINING

CONFIDENTIAL

FORM 9

| DIVISION OF OIL, GAS AND MINING  | 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-0629   |
|--|--|
| SUNDRY NOTICES AND REPORTS ON WELLS  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME:<br>N/A   |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. | 7. UNIT OF CA AGREEMENT NAME: WHITE RIVER UNIT   |
| 1. TYPE OF WELL OIL WELL GAS WELL OTHER  | 8. WELL NAME and NUMBER:<br>WRU EIH 9CML-26-8-22   |
| 2. NAME OF OPERATOR: QUESTAR EXPLORATION & PRODUCTION CO.  | 9. API NUMBER:<br>4304738649   |
| 3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078 PHONE NUMBER: (435) 781-4301  | 10. FIELD AND POOL, OR WILDCAT: WHITE RIVER  |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1408' FSL 1226' FEL   | COUNTY: UINTAH   |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESE 26 8S 22E  | STATE: UTAH  |
| 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT   | RT, OR OTHER DATA  |
| TYPE OF SUBMISSION    ACIDIZE  | REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL  TEMPORARILY ABANDON  TUBING REPAIR  VENT OR FLARE  WATER DISPOSAL |
| (Submit Original Form Only)  Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  COMMINGLE PRODUCING FORMATIONS  RECLAMATION OF WELL SITE  CONVERT WELL TYPE  RECOMPLETE - DIFFERENT FORMATION                              | WATER SHUT-OFF  OTHER: APD EXTENSION   |
| 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume QUESTAR EXPLORATION & PRODUCTION CO. hereby requests a 1 year extension on the   |  |
| Approved by the Utah Division of Oil, Gas and Mining   |  |
| Date: 09-24-07  By:  |  |
| NAME (PLEASE PRINT) Laura Bills  TITLE Regulatory Affairs  | <b>3</b>   |
| SIGNATURE  |  |
| This space for State use only)   |  |



SEP 2 4 2007 ONFIDENTIAL

# Application for Permit to Drill Request for Permit Extension Validation

(this form should accompany the Sundry Notice requesting permit extension)

API:

43-047-38649

| Well Name: V                            | <b>VRU EIH 9CML-2</b> | 6-8-22                     |                             |
|---|-----------------------|----------------------------|-----------------------------|
| Location: 1                             | 408' FSL 1226' FE     | L, NESE, SEC. 26, T8S, R22 | E                           |
|   |                       | QUESTAR EXPLORATIO         | N & PRODUCTION C            |
| Date Original P                         | ermit Issued:         | 9/25/2006                  |                             |
| <del>-</del>                            |                       |                            |                             |
|   |                       |                            | the property as permitted   |
|   |                       | information as submitte    |                             |
| approved applic                         | ation to drill, rei   | mains valid and does n     | ot require revision.        |
| Following is a ch                       | nacklist of some      | s items related to the ar  | oplication, which should be |
| verified.                               | IECKIIST OF SOFTIE    | riterns related to the ap  | pplication, which should be |
| vernieg.                                |                       |                            |                             |
| f located on priv                       | ate land has th       | he ownership changed,      | if so has the surface       |
| agreement been                          | •                     |                            | in do, nad and danado       |
| _g                                      |                       |                            |                             |
| Have any wells t                        | been drilled in t     | he vicinity of the propos  | sed well which would affect |
| •                                       |                       | nts for this location? Ye  |                             |
|   | •                     |                            | <u> </u>                    |
| Has there been                          | any unit or othe      | er agreements put in pla   | ace that could affect the   |
| permitting or ope                       | eration of this p     | roposed well? Yes□No       | o 🗹                         |
|   |                       |                            |                             |
|   |                       |                            | uding ownership, or right-  |
| of-way, which co                        | ould affect the p     | proposed location? Yes     | □ No ☑                      |
|   |                       |                            |                             |
| Has the approve                         | d source of wa        | ter for drilling changed   | ? Yes□No☑                   |
| lava Hana bana                          |                       |                            | lanatina na manana manta    |
|   |                       | _                          | location or access route    |
| <u> </u>                                |                       | lans from what was dis     | cussed at the onsite        |
| evaluation? Yes                         | LINOM                 |                            |                             |
| a bandina atill in                      | nlago which o         | overs this proposed we     |                             |
| s bonding still in                      | place, which c        | covers this proposed we    | eli? YesiziNoLi             |
| /                                       | n                     |                            |                             |
| Tann                                    | , 75:01s              | ?                          | 9/19/2007                   |
| Signature                               |                       |                            | Date                        |
| - · · · · · · · · · · · · · · · · · · · |                       |                            |                             |
| Title: REGULATO                         | ORY AFFAIRS           |                            |                             |
|   |                       |                            |                             |
| _                                       |                       |                            |                             |
| Representing: (                         | Questar Exploratio    | on & Production Co.        |                             |
|   | <del></del>           |                            |                             |

RECEIVED SEP 2 4 2007 Form 3160-5 (November 1994)

(Instructions on reverse)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

| U | TI | J- | 0 | 6 | 2 | 9 |
|---|----|----|---|---|---|---|
|   |    |    |   |   |   |   |

| SUNDKT I   | MOTICES AND KEPOK 12 OM   | MELLO  |  | 010-0029                      |  |  |
|--|---|--|--|-------------------------------|--|--|
| Do not use this:   |   | 6. If Indian, All  | ottee or Tribe Name                                  |                               |  |  |
| abandoned well.  | Use Form 3160-3 (APD) for s   | uch proposals.   |  |                               |  |  |
|  |   |  |  | N/A                           |  |  |
| SUBMIT IN TRIPLIC  | ide   | 7. If Unit or CA/Agreement, Name and/or No.  |  |                               |  |  |
| 1. Type of Well  |   | WHITE RIVI   | ER UNIT  |                               |  |  |
| Oil Well Sas Well  |   | 8. Well Name a   | and No.  |                               |  |  |
| 2. Name of Operator  | Other   | WRU EIH 9CML-26-8-22   |  |                               |  |  |
| Questar Exploration & Production   | Co. Conta   | ct: Jim Davidson   | 1  | 9. API Well No                |  |  |
| 3a. Address  |   | . Phone No. (include   | area code)   | 43-047-3864                   | 19                                     |  |
| 11002 East 17500 South Vernal  |   | 03-308-3090  |  | 4                             | ol, or Exploratory Area                |  |
| 4. Location of Well (Footage, Sec., T., R., M.   |   |  |  | WHITE RIVER                   |  |  |
| 1408' FSL 1226' FEL, NESE, SEC   | CTION 26, T8S, R22E   |  |  | 11. County or Pa              | rish, State                            |  |
|  |   |  |  | UINTAH                        |  |  |
| 12. CHECK APPROPRIATE BOX(ES) T  | O INDICATE NATURE OF NO   | TICE PEPORT OR   | OTHER DATA   | <u> </u>                      |  |  |
| TYPE OF SUBMISSION   | TYPE OF ACTION  | IICE, REI ORI, OR  | OTILKDATA  |                               | ************************************** |  |
| X Notice of Intent   |   | Deepen   | Production (   | Start/Resume)                 | Water Shut-Off                         |  |
| <u></u>  | Alter Casing  | Fracture Treat   | Reclamation  | 1                             | Well Integrity                         |  |
| Subsequent Report  | Casing Repair   | New Construction   | Recomplete   |                               | X Other                                |  |
|  | Change Plans  | Plug and Abandon   | Temporarily  | Abandon                       | NAME CHANGE                            |  |
| Final Abandonment Notice   | Convert to Injection  | Plug Back  | Water Dispo  | osal                          |  |  |
| Testing has been completed. Final Aban determined that the site is ready for final inspection Questar Exploration & Production proposed TD will be 15, 450'. In a to the attached revised Drilling Pla QEP proposes to change the well | Co. proposes to drill this we ddition QEP requests permin and location plats.  Name from WRU EIH 900 Oil, | ell to the Dakota fission to modify the proved by the last Birth B | ormation. The<br>he approved lo<br>e<br>€ EIH 9CD-26 | approved TD<br>ocation pad la | was 10,075' the new                    |  |
| 14. I hereby certify that the foregoing is true ar   | nd correct  | 4.   |  |                               |  |  |
| Name (Printed/Typed)   |   | Title  |  |                               |  |  |
| Laura Bills  | aura Bills Regulatory Affairs   |  |  |                               |  |  |
| Signature B'M  |   |  |  |                               |  |  |
| Milla D  |   | September 21, 2  |  |                               |  |  |
|  | FEDERAL OR STAT   | E USE  |  | Date                          |  |  |
| Approved by  |   | Title  |  |                               | Date                                   |  |
| Conditions of approval, if any, are attached. Approval that the applicant holds legal or equitable title to those entitle the applicant to conduct operations thereon.   |   | Office   |  |                               |  |  |
| Title 18 U.S.C. Section 1001, makes it a crime for any   |   | any department or agency of  | of the United States any                             | false, fictitious or          | Dro-                                   |  |

#### **DRILLING PROGRAM**

# ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

#### 1. Formation Tops

The estimated tops of important geologic markers are as follows:

| <u>Formation</u> | <u>Depth</u> |
|------------------|--------------|
| Uinta            | Surface      |
| Green River      | 2,250'       |
| Mahogeny         | 2,890'       |
| Wasatch          | 5,260'       |
| Mesaverde        | 7,650'       |
| Sego             | 10,190'      |
| Castlegate       | 10,240'      |
| Blackhawk        | 10,742'      |
| Mancos Shale     | 11,104'      |
| Mancos B         | 11,502'      |
| Frontier         | 14,004'      |
| Dakota Silt      | 15,043'      |
| Dakota           | 15,035'      |
| Morrison         | 15,415'      |
| TD               | 15,450'      |

#### 2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas. Or other mineral bearing formations are expected to be encountered are as follows:

| <u>Substance</u> | <u>Formation</u> | <u>Depth</u> |
|------------------|------------------|--------------|
| Gas              | Wasatch          | 5,260'       |
| Gas              | Mesaverde        | 7,650'       |
| Gas              | Blackhawk        | 10,742'      |
| Gas              | Mancos Shale     | 11,104'      |
| Gas              | Mancos B         | 11,502'      |
| Gas              | Dakota           | 15,035'      |

#### **DRILLING PROGRAM**

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal Site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

#### 3. Operator's Specification for Pressure Control Equipment:

- A. 11" or 13-5/8" 10,000 psi double gate, 10,000 psi single gate, 10,000 psi annular BOP (schematic included) from 10-3/4" casing point to 7" casing point the stack will be tested to 5000 psi and the annular to 3500 psi. From the 7" casing point to total depth the stack will be tested to 10,000 psi and the annular to 3500 psi. The choice of BOP stacks is based on the drilling contractors availability.
- B. Functional test daily
- C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.
- D. Ram type preventers and associated equipment shall be tested to the approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 10M system and individual components shall be operable as designed.

#### **DRILLING PROGRAM**

#### 4. Casing Design:

| Hole<br>Size | Csg.<br>Size | Top<br>(MD) | Bottom<br>(MD) | Wt.           | Grade   | Thread | Cond. |
|--------------|--------------|-------------|----------------|---------------|---------|--------|-------|
| 26"          | 20"          | Sfc         | 60'            | Steel         | Cond.   | None   | Used  |
| 14-3/4"      | 10-3/4"      | Sfc         | 1100'          | 40.5          | J-55    | STC    | New   |
| 8-1/2"       | 7"           | Sfc         | 9000'          | 26            | HCP-110 | LTC    | New   |
| 8-1/2"       | 7"           | 9000'       | 10,702'        | 29*<br>SDrift | HCP-110 | LTC    | New   |
| 6-1/8"       | 4-1/2"       | sfc         | 13,700'        | 15.1          | P-110   | LTC    | New   |
| 6-1/8"       | 4-1/2"       | 13,700'     | 15,450'        | 15.1          | Q-125   | LTC    | New   |

| Casing S | sing Strengths: |         | Collapse | Burst      | Tensile<br>(minimum) |             |
|----------|-----------------|---------|----------|------------|----------------------|-------------|
| 10-3/4"  | 40.5 lb.        | J-55    | STC      | 1,580 psi  | 3,130 psi            | 420,000 lb. |
| 7"       | 26 lb.          | HCP-110 | LTC      | 7,800 psi  | 9,950 psi            | 693,000 lb. |
| 7"       | 29 lb.*         | HCP-110 | LTC      | 9,200 psi  | 11,220 psi           | 797,000 lb. |
| 4-1/2"   | 15.1 lb.        | P-110   | LTC      | 14,350 psi | 14,420 psi           | 406,000 lb. |
| 4-1/2"   | 15.1 lb.        | Q-125   | LTC      | 15,840 psi | 16,380 psi           | 438,000 lb. |

#### \* Special Drift for 6-1/8" bits

#### **MINIMUM DESIGN FACTORS:**

COLLAPSE: 1.125 BURST: 1.10 TENSION: 1.80

Area Fracture Gradient: 0.9 psi/foot Maximum anticipated mud weight: 15.4 ppg Maximum surface treating pressure: 12,500 psi

#### **DRILLING PROGRAM**

#### 5. Auxiliary Equipment

- A. Kelly Cock yes
- B. Float at the bit no
- C. Monitoring equipment on the mud system visually and/or PVT/Flow Show
- D. Full opening safety valve on the rig floor yes
- E. Rotating Head yes
  If drilling with air the following will be used:
- F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.
- G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').
- H. Compressor shall be tied directly to the blooie line through a manifold.
- I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 15.4 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

#### 6. Testing, logging and coring program

- A. Cores none anticipated
- B. DST none anticipated

#### **DRILLING PROGRAM**

- C. Logging Mud logging 4500' to TD GR-SP-Induction, Neutron Density, FMI
- D. Formation and Completion Interval: Mancos interval, final determination of completion will be made by analysis of logs.
   Stimulation Stimulation will be designed for the particular area of interest as encountered.

#### 7. Cementing Program

#### 20" Conductor:

Cement to surface with construction cement.

#### 10-3/4" Surface Casing: sfc – 1100' (MD)

**Slurry:** 0' -1100'. 1020 sxs (1224 cu ft) Premium cement + 0.25 lbs/sk Flocele + 2% CaCl<sub>2</sub> Slurry wt: 15.6 ppg, slurry yield: 1.20 ft<sup>3</sup>/sx, slurry volume: 12/1/4" hole + 100% excess.

#### 7" Intermediate Casing: sfc - 10,702' (MD)

Foamed Lead Slurry 2: Surface' – 10,100'. 1539 sks (2278 cu ft) 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive + 1.5% Zonesealant 2000 foamer. Slurry wt: 14.3 ppg, foamed 11.5 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry yield foamed: 1.96 ft<sup>3</sup>/sk, Slurry volume: 8-1/2" hole + 50% excess.

**Tail Slurry:**  $10,100^{\circ} - 10,702^{\circ}$ . 91 sks (135 cu ft) of 50/50 Poz Premium + 5 lb/sk silicalite compacted light weight additive + 20% SSA-1 additive + 0.3% FDP-C766-05 fluid loss + 0.2% Versaset thixotropic additive. Slurry wt: 14.3 ppg, Slurry yield: 1.48 ft<sup>3</sup>/sk, Slurry volume: 8-1/2" hole + 50% excess.

#### 4-1/2" Production Casing: sfc - 15,450' (MD)

Lead/Tail Slurry: 5,000 - 15,450'. 750 sks (1230 cu ft) Premium Cement + 0.5% HR-12 retarder + 35% SSA-1 + 0.2% Suspend HT + 0.4% Halad(R)-344 fluid loss + 0.3% Halad(R)-413 fluid loss + 0.4% Super CBL gas migration + 0.2% HR-25 retarder. Slurry wt: 15.25 ppg, Slurry yield: 1.64 ft<sup>3</sup>/sk, Slurry volume: 6-1/8" hole + 25% in open hole section.

\*Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to the surface on the intermediate string and 5,000' on the production string. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

#### **DRILLING PROGRAM**

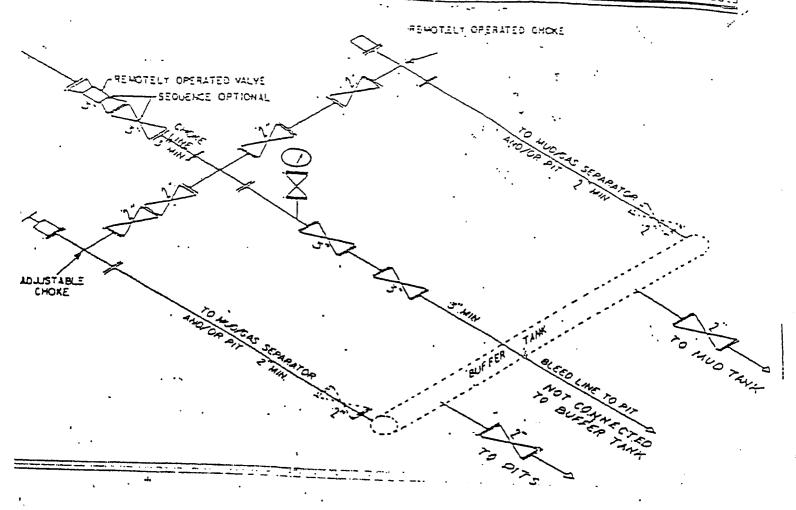
#### 8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 9921 psi. Maximum anticipated bottom hole temperature is 305° F.

#### **DRILLING PROGRAM**

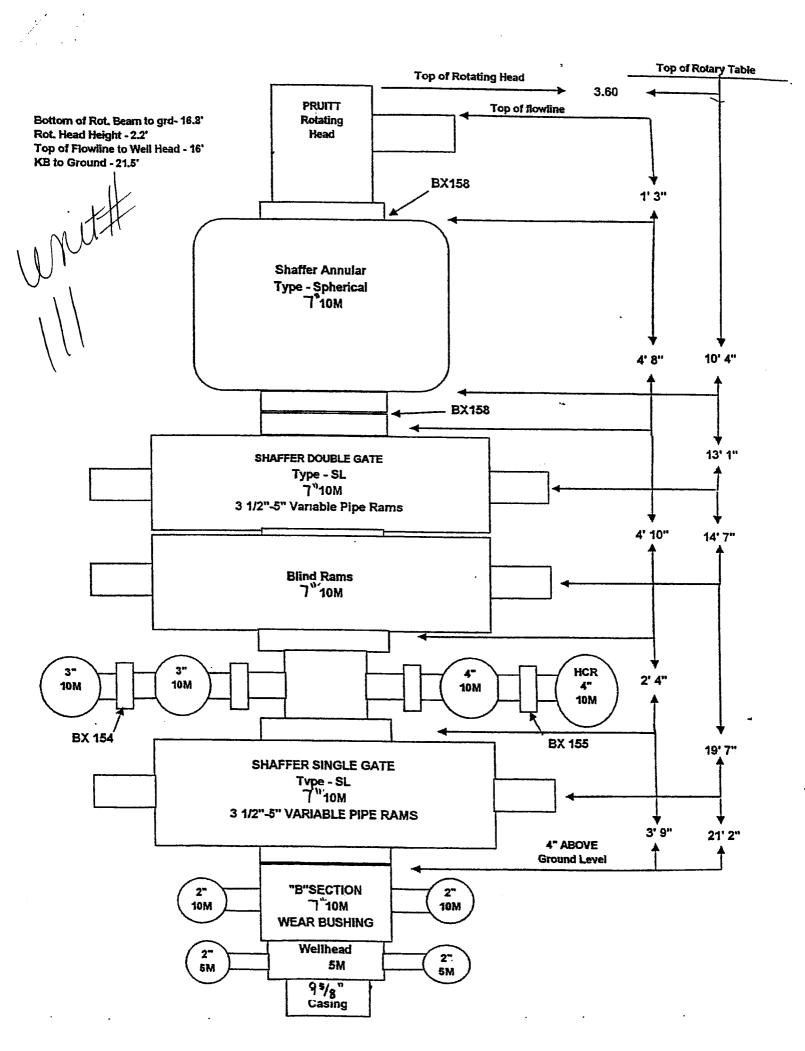
| Purpose:   |
|--|
| Either an 11" 10,000 psi stack or an 13-5/8" 10,000 psi stck will be used for well control in the slim hole environment. |
|  |
|  |
| BOP Requirements:  |

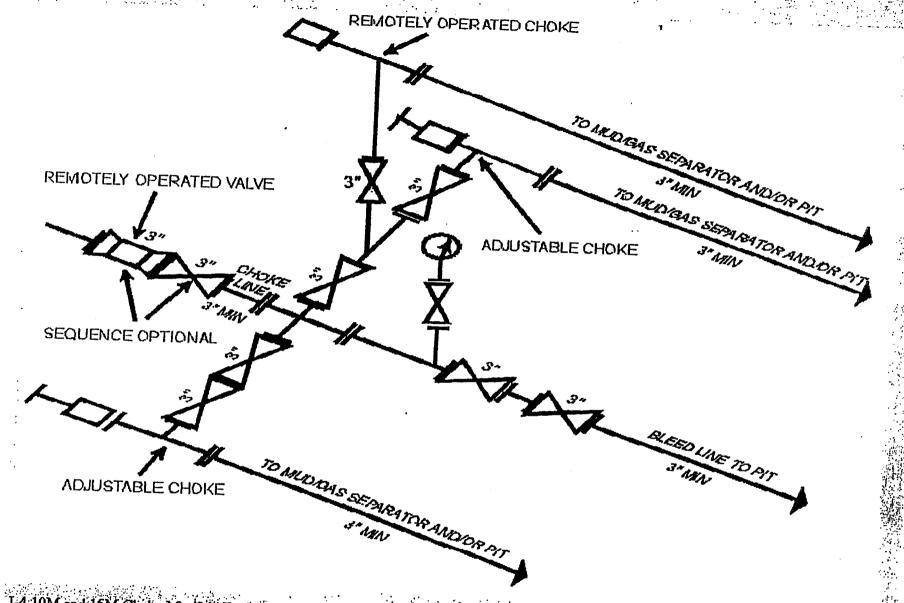
11" Rotating Head 11" 5M Spacer Spool 11" 10M Annular 11" 10M Double Ram 11" 10M Mud Cross 2" Kill Line 3" Choke Line 11" 10M Single Ram Mat Board G.L. Mat Board 13-5/8" 5M x 11" 10M Multi-Bowl "B" Sect 13-5/8" 5M "A" Section QEP / Wexpro 13-3/8" 54.5# K55 Casing



(2) 5M CHOKE MANIFOLD EQUIPMENT — CONFIGURATION OF CHOKES MAY VARY

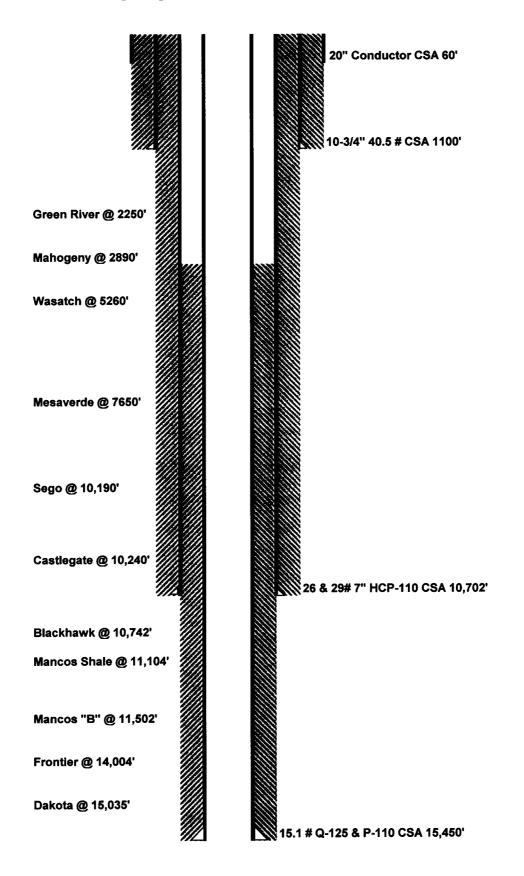
[FR Doc. 88-25738 Filed 11-17-85; 5:45 am]





I-4 10M and 15M Choke Manifold Equipment -- Configuration of chokes may vary

#### **WRU EIH 9CD-26-8-22**



## QUESTAR EXPLR. & PROD.

WRU #9CD-26-8-22

LOCATED IN UINTAH COUNTY, UTAH **SECTION 26, T8S, R22E, S.L.B.&M.** 

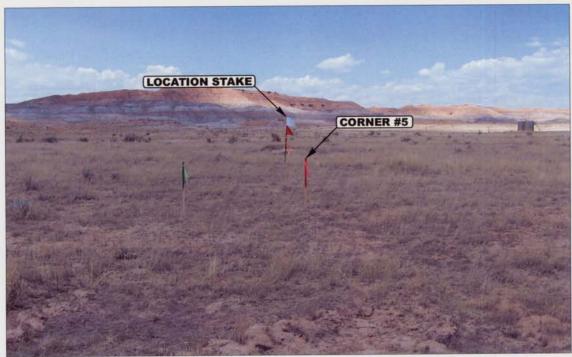


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

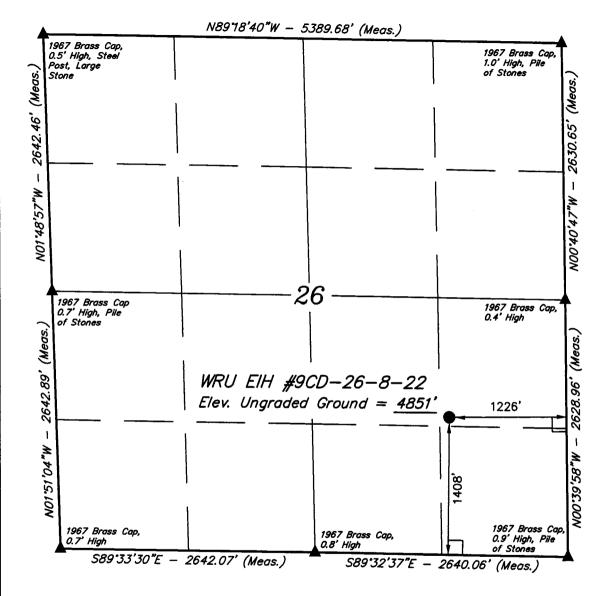
**LOCATION PHOTOS** 

MONTH DAY

**РНОТО** 

TAKEN BY: T.A. DRAWN BY: B.C. REV: 09-20-07 L.K.

### T8S, R22E, S.L.B.&M.



#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

#### LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 83) LATITUDE = 40°05'25.62" (40.090450) LONGITUDE = 109°24'07.50" (109.402083) (NAD 27)

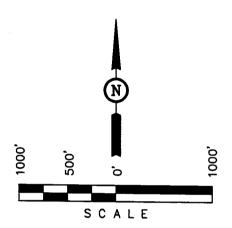
LATITUDE = 40°05'25.75" (40.090486) LONGITUDE = 109°24'05.04" (109.401400)

#### QUESTAR EXPLR. & PROD.

Well location, WRU EIH #9CD-26-8-22, located as shown in the NE 1/4 SE 1/4 of Section 26, T8S, R22E, S.L.B.&M., Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.



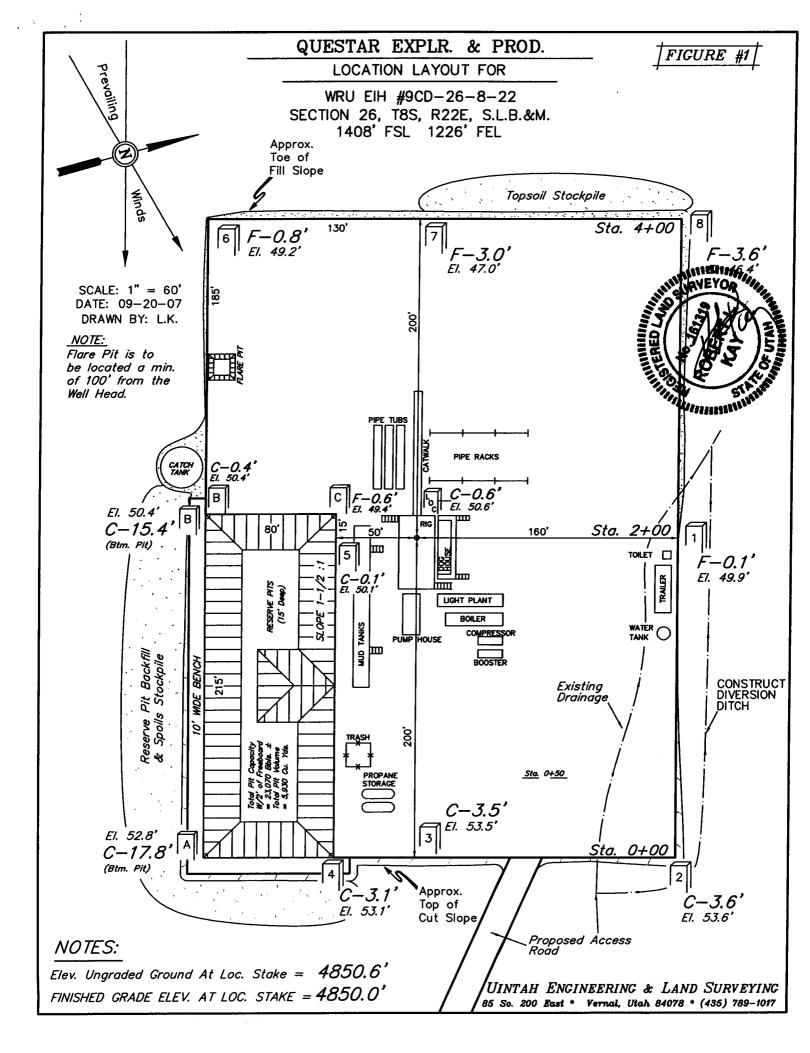
THIS IS TO CERTIFY THAT THE CASE PLATE OF ACTUAL SHOPE MADE BY ME CODER MY SUPERVISION AND THAT THE MANE ARE THE AND CONSECUT TO THE BEST OF MY KNOWLEDGES AND BELIEF

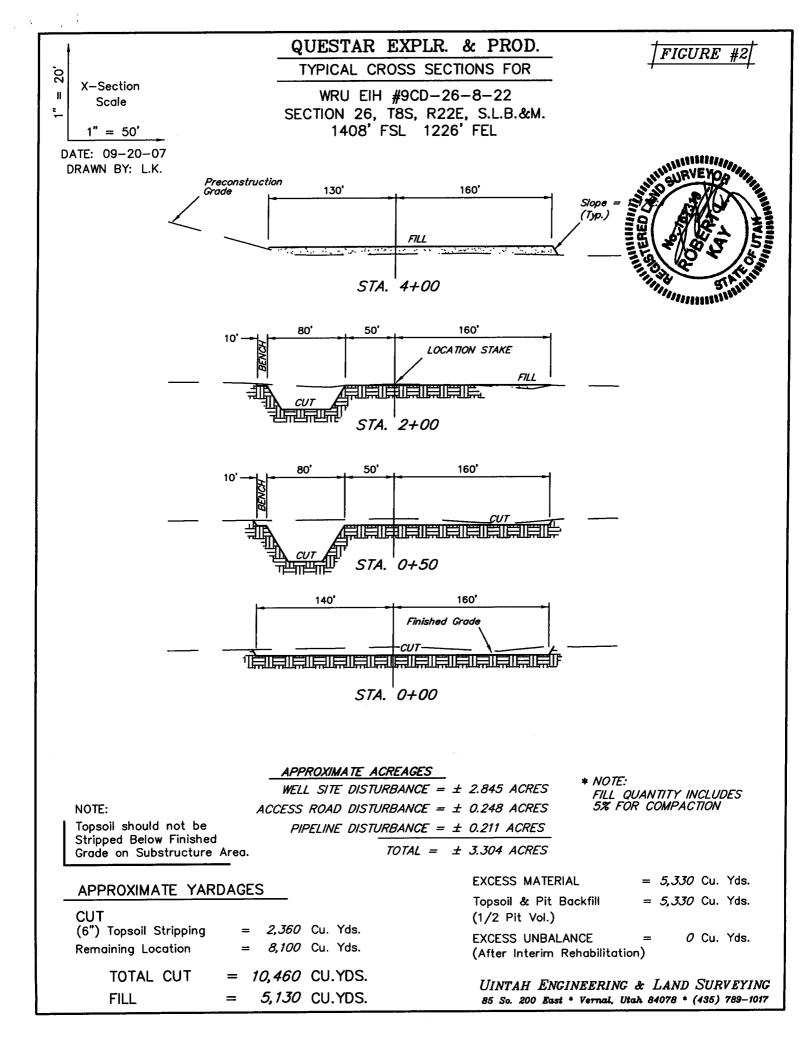
REGISTERE LAND SURVEYOR

REVISED: 09-20-07 L.K.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

| SCALE<br>1" = 1000' | DATE SURVEYED: DATE DRAWN: 6-28-06 6-29-06  REFERENCES G.L.O. PLAT  FILE |  |  |  |
|---------------------|--|--|--|--|
| B.B. T.A. K.G.      |  |  |  |  |
| WEATHER             |  |  |  |  |
| WARM                | QUESTAR EXPLR. & PROD  |  |  |  |





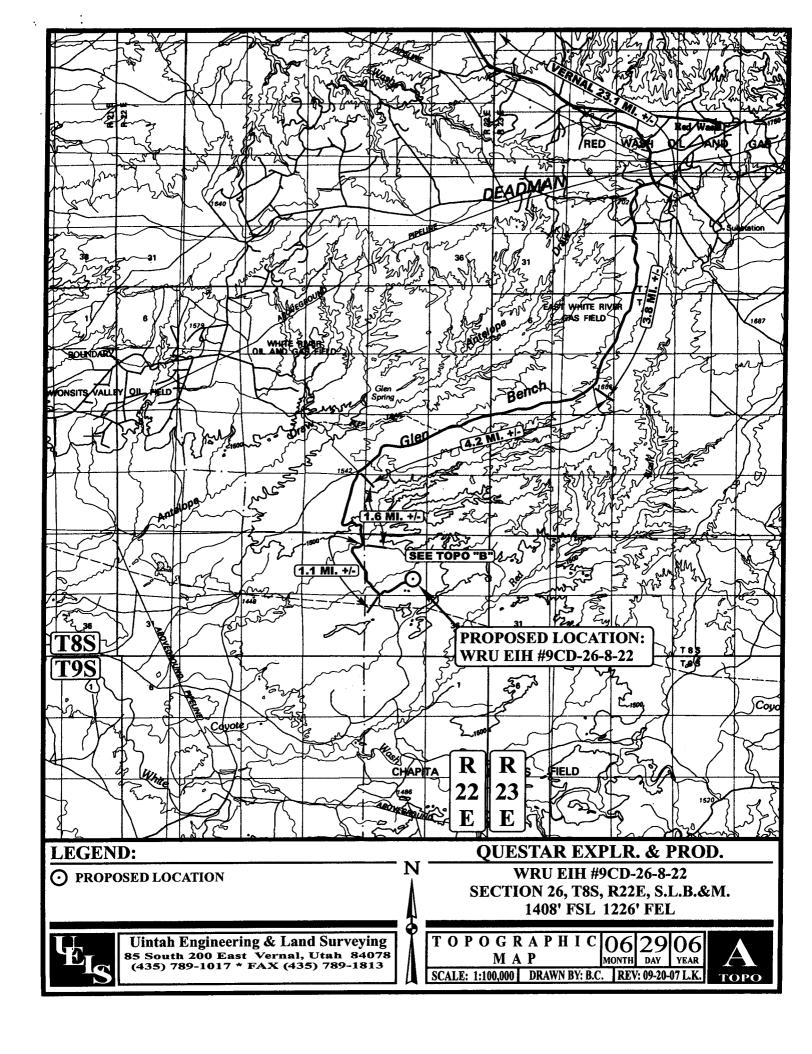
# QUESTAR EXPLR. & PROD. FIGURE #3 INTERIM RECLAMATION PLAN FOR WRU EIH #9CD-26-8-22 SECTION 26, T8S, R22E, S.L.B.&M. 1408' FSL 1226' FEL SCALE: 1" = 60' DATE: 09-20-07 DRAWN BY: L.K. OWELL HEAD

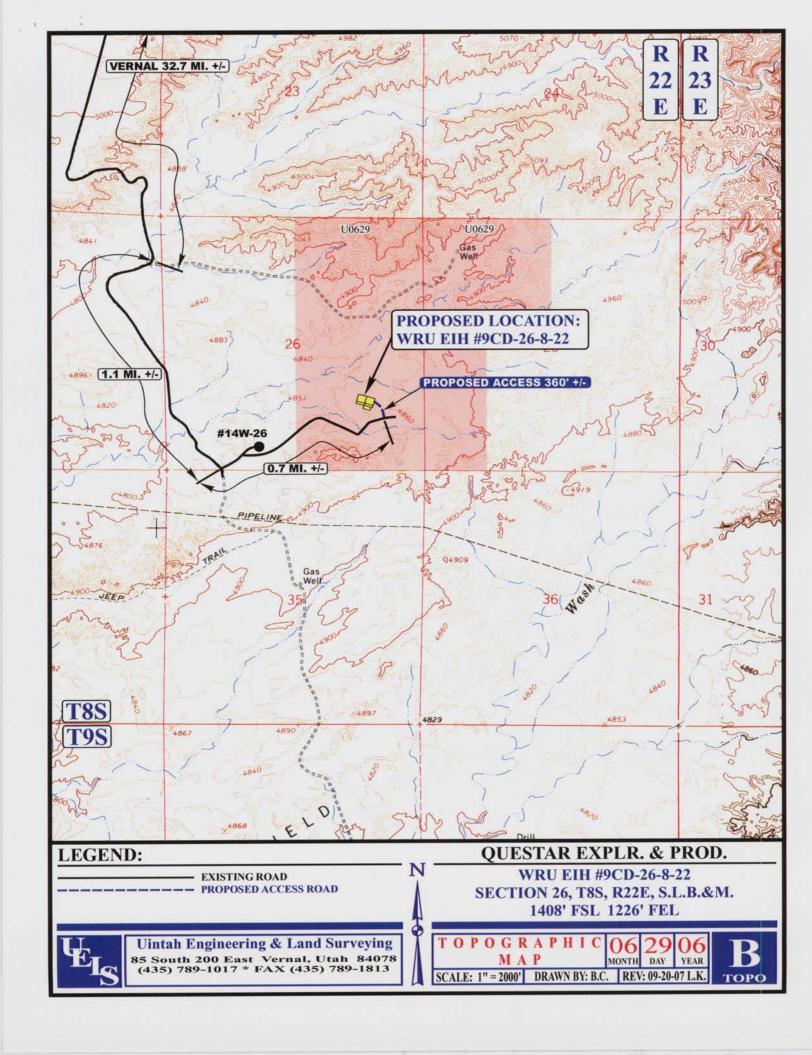
INTERIM RECLAMATION

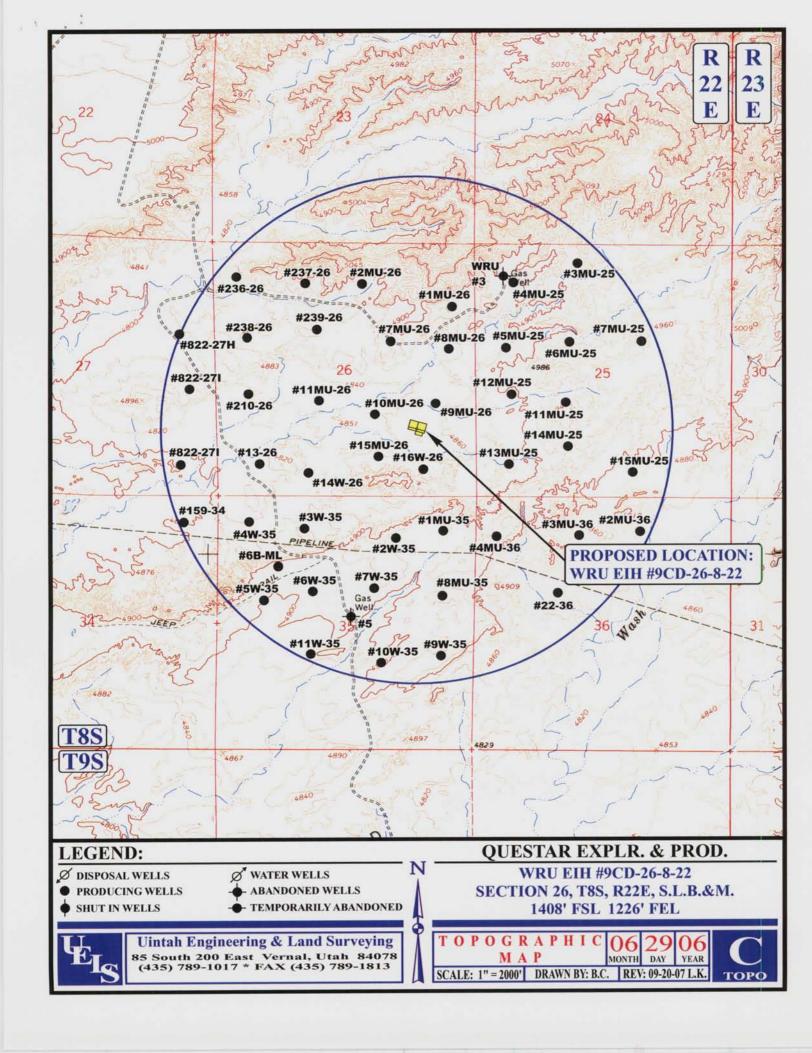
UINTAH ENCINEERING & LAND SURVEYING

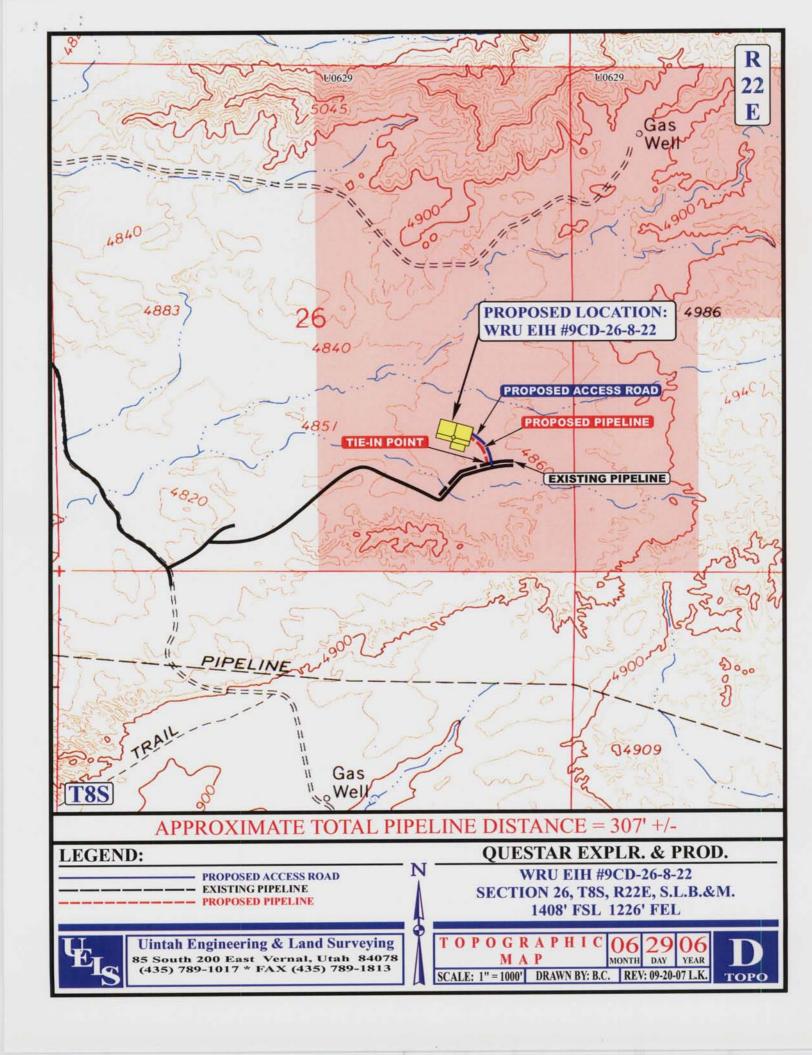
85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

Access Road









**FNTITY ACTION FORM - FORM 6** 

OPERATOR ACCT. No. N-5085

OPERATOR:

Questar Exploration & Production, Co.

ADDRESS:

11002 E. 17500 S.

Vernal, Utah 84078-8526 (435)781-4342

**Effective Date** RG Spud Date QQ SC TP County New Entity API Number Well Name Current Action No. Entity Code No. 88 22E Uintah 10/3/07 43-047-38649 WRU EIH 9CD 26 8 22 **NESE** 26 99999 WELL 1 COMMENTS: MRSH WELL 2 COMMENTS: **WELL 3 COMMENTS: WELL 4 COMMENTS:** WELL 5 COMMENTS: ACTION CODES (See instructions on back of form) A - Establish new entity for new well (single well only) B - Add new well to existing entity (group or unit well) Signature C - Re-assign well from one existing entity to another existing entity

NOTE: Use COMMENT section to explain why each Action Code was selected

D - Re-assign well from one existing entity to a new entity

E - Other (explain in comments section)

(3/89)

RECEIVED

OCT 19 2007

DIV. OF OIL, GAS & MINING

Section Automotivation

Office Administrator II
Title

10/18/07

Date

Phone No. <u>(435)781-4342</u>

CONFIDENTIAL

Form 3160-5 \* (June 1990)

Conditions of approval, if any

representations as to any matter within its jurisdiction.

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

| FORM APPROVED              |
|----------------------------|
| Budget Bureau No. 1004-013 |
| Expires: March 31, 1993    |

Lease Designation and Serial No.

UTU-0629

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

| Use "APPLICATI   | ON FOR PERMIT—" for such proposals  | 6. If Indian, Allottee or Tribe Name  N/A  |
|--|---|--|
| CUDM   | T IN TRIPLICATE   | 7. If Unit or CA, Agreement Designation  |
| 1. Type of Well Oil Gas Well X Well Other  | I IN IRIPLICATE   | WHITE RIVER UNIT  8. Well Name and No.  WRU EIH 9CD 26 8 22  |
| Name of Operator     QUESTAR EXPLORATION & PRODUCTION C  Address and Telephone No.   | 9. API Well No.  43-047-38649  10. Field and Pool, or Exploratory Area  |  |
| 11002 E. 17500 S. VERNAL, UT 84078-8526  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  1408' FSL, 1226' FEL, NESE, SEC 26-T8S- | WHITE RIVER  11. County or Parish, State  UINTAH, UTAH  |  |
| 12. CHECK APPROPRIATE B  | OX(s) TO INDICATE NATURE OF NOTICE, RE  | PORT, OR OTHER DATA  |
| TYPE OF SUBMISSION   | TYPE OF ACT   | ION  |
| Notice of Intent   | Abandonment   | Change of Plans  New Construction  |
| X Subsequent Report  | Plugging Back   | Non-Routine Fracturing   |
| Final Abandonment Notice   | Casing Repair  Altering Casing  | Water Shut-Off  Conversion to Injection  |
|  | X Other SPUD  | Dispose Water  |
|  |   | (Note) Report results of multiple completion on Well<br>Completion or Recompletion Report and Log form.) |
| give subsurface locations and measured and true vertical depths for all at On 10/3/07 - Drilled 80° of 24° conduct                                       | details, and give pertinent dates, including estimated date of starting any proposed we markers and zones pertinent to this work)  or hole. Set 80° of 20° conductor pipe and cemes.  (B. Ran 26 jts of 10-3/4°, 40.5# csg. Land shoe | nt w/ Ready Mix.   |
| 3 - BLM, 2- Utah OG&M, 1 Denver, 1 - file Wo   | rd file-server  |  |
| 14. I hereby certify that the foregoing is true and compet. Signed Dahn F. Caldwell  | Office Administrator II   | Date 10/18/07  |
| (This space for Federal or State office use)   |   |  |
| Approved by:   | Title   | Date   |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department of any matter within its jurisdiction.

OCT 19 2007

43-047-381A9 26 85 22e

|                        |                            |          |        | )pera       | Questar E & P<br>tions Summary Report  | Page 1 of 5 |
|------------------------|----------------------------|----------|--------|-------------|--|-------------|
| Well Name:             |                            |          |        |             | Spud Date:   | 10/20/2007  |
| Location:<br>Rig Name: |                            | 22-E 26  |        |             | Rig Release:<br>Rig Number:  |             |
| Date                   | From -                     | To Hour  | Code   | Sub<br>Code | Description of Operations  |             |
| 10/4/2007<br>10/5/2007 | 06:00 - 14<br>06:00 -      | :00 8.   | 00 FOC | 2           | DRLG 80' OF CONDUCTOR HOLE AND CEMENT WITH 5 YARDS   | READY MIX   |
| 10/8/2007              | 06:00 - 18                 | :00 12.0 | 00 LOC | 4           | CLEAN PITS, RIG DOWN SWIVEL, TOP DRIVE AND TRACK, RIG I<br>SOLIDS CONTROL, LOAD OUT SLIM STRING<br>RIG RELEASED @18:00 HR  | OOWN        |
|                        | 18:00 - 06                 |          | 1      |             | RIG DOWN FLOOR, PLATES, SPREADERS, SHED, BRIDLE UP, C<br>RAMS, BREAK DOWN PUMPS, CLEAN ON SUB  |             |
| 10/9/2007              | 06:00 - 18                 | :00 12.0 | 0 roc  | 4           | SET OUT FRONT YARD, L.D. DERRICK @ 10:00, KNOCK LINES L<br>WRES, KILL RIG POWER-HOOK UP AUX. GEN, ROLL UP HOSES<br>OBM TANK FARM, CLEAN ON RIG                       |             |
|                        | 18:00 - 06                 |          |        |             | RIG IDLE OVERNIGHT ( 25 % RIG DOWN ) TRUCKS AND CRANE  | S THIS A.M. |
| 10/10/2007             | 06:00 - 18                 | :00 12.0 | OLOC   | 4           | RIG DOWN, TANK FARM, UNSTRING DERRICK, SET OUT TANK F<br>HOPPERS, MXING HOUSE, PUMPS, LOAD OUT MOTOR PACKA<br>ISCR. FUEL TANK, SOLIDS CONTROL.                       |             |
|                        | 18:00 - 06                 | :00 12.0 | 0 LOC  | 4           | RIG IDLE OVERNIGHT 40% RIG DOWN, 7 LOADS MOVE ALL CA   | AMPS THIS   |
| 10/11/2007             | 06:00 - 18                 |          | 0 FOC  | 4           | R/D DERRICK AND INSPECT, LOAD OUT TRUCKS   |             |
| 10/12/2007             | 18:00 - 06<br>06:00 - 18   |          | 0 LOC  | 4           | RIG IDLE OVER NIGHT, 50 % RIG DOWN & 20 % MOVED  |             |
| 10/12/2007             | 18:00 - 06                 |          |        | 4           | INSPECT DERRICK, LOAD OUT TRUCKS & RIG DOWN<br>RIG IDLE OVER NIGHT 70 % R/D; MOVED 25 %; RIG UP 15 %   |             |
| 10/13/2007             | 06:00 - 18                 |          | o roc  | 4           | RIG DOWN , LOAD OUT TRUCKS & RIG UP  |             |
|                        | 18:00 - 06                 |          | 0 LOC  | 4           | RIG IDLE OVER NIGHT; 85 % RIGED DOWN; MOVED 30 % : RIGE  | D UP15 %    |
| 10/14/2007             | 06:00 - 18                 |          | N LOC  | 4           | UNLOAD TRUCKS & RIG UP   |             |
|                        | 18:00 - 06                 |          | 0 LOC  | 4           | RIG IDLE OVER NIGHT; RIGED DOWN 100%; MOVED 60% RIGED  |             |
| 10/15/2007             | 06:00 - 18<br>18:00 - 06   | -        | 0 LOC  | 4           | SET SUB, BUILD DERRICK, BUTTON UP MUD TANKS TO CHECK<br>SET DRAWWORKS ON FLOOR<br>RIG IDLE OVER NIGHT; 100% RIGED DOWN, 100% MOVED, 40%                              |             |
| 10/16/2007             | 06:00 - 18                 |          | 0 LOC  | 4           | DRESS DERRICK, SET IN WATER TANK & DOG HOUSE; BUILD F  |             |
|                        | 18:00 - 06                 | :00 12.0 | o Loc  | 4           | WELD ON FLOOR IN MUD TANK;SET FROCED AIR HEATER;<br>RIG IDLE OVER NIGHT 55% RIGED UP, TRUCKS RELEASED @  |             |
| 10/17/2007             | 06:00 - 18                 | :00 12.0 | o Loc  | 4           | CRAIN STILL RIGGING UP<br>FINISH DRESSING DERRICK, STRINGING UP & RASED DERRICK  |             |
|                        |                            | 1        | i      |             | SHAKERS, WELD ON MUD TANKS, & CHECK FOR LEAK. SET ZE CLEANERS  | COMUD       |
|                        | 18:00 - 06                 | :00 12.0 | 0 LOC  | 4           | RIG IDLE OVER NIGHT; 65% RIGED UP  |             |
| 10/18/2007             | 06:00 - 18                 | :00 12.0 | 0 LOC  | 4           | SET IN FLOOR PLATES, PAUTOP DRIVE RAILS; WELD ON FLOW SHAKER MANAFOLD; RAU MUD CLEANERS, SET PREMIX TANK, HOPPERS  |             |
|                        | 18:00 - 06                 |          | 0      | 1.          | RIG IDLE OVER NIGHT, 75% RIGED UP  |             |
| 10/19/2007             | 06:00 - 18:                | :00 12.0 | 0 LOC  | 4           | P/U SMIVEL & TOP DEIVE AND LOAD TEST CONN, R/U MOTOR<br>DRIVE; WIRE IN PRE MIX TANK, R/U LINES TO FLAIR BOX; DUM<br>CEMENT IN CELLER                                 |             |
|                        | 18:00 - 06:                |          |        |             | RIG IDLE OVER NIGHT; 88% RIGED UP  |             |
| 10/20/2007             | 06:00 - 15                 | .00 9,6  | 0 LOC  | 4           | FINISH RIGGING UP TOP DRIVE, HANG WIND WALLS, DUMP 3 M<br>CEMENT IN CELLER, R/U IGNITOR ON FLARE BOX; DO RIG INSF  |             |
|                        | 15:00 - 18:<br>18:00 - 02: |          |        |             | TORQUE UP BOP BOLTS  | 0.01==::    |
|                        | 10.00 - 02                 | 8.0      |        |             | TEST BOP; TOP PIPE RAMS,BLIND RAMS, HCR, MANUAL VALVE VALVE, CHOKE MANAFOLD, LOW 250#, HIGH 5000#, ANNULAR 2 3500# HIGH; TOP DRIVE, STAND PIPE AND MUD LINES BACK TO | 250# LOW    |
|                        | 02:00 - 04                 | :00 2.0  | ۸l     | 1           | VALVES ON THE MUD PUMP 250# LOW & 3000# HIGH<br>P/U BHA AND STAND BACK IN DERRICK  |             |
|                        | 04:00 - 06                 |          |        |             | INSTALL BOTTOM PIPE RAMS   |             |
| 10/21/2007             | 06:00 - 07                 |          | BOP    | 2           | INSTALL WEAR BUSHING   |             |

Printed: 11/7/2007 7:55:11 Al

NOV 0 8 2007
DIV. OF OIL, GAS & MINING

#### Questar E & P **Operations Summary Report**

Page 2 of 5

Well Name: WRU EIH 9CD-26-8-22 Location: 26-8-S 22-E 26 Rig Name: UNIT

Spud Date: 10/2 Rig Release: Rig Number: 232 10/20/2007

| rig Name.  | CINII                          |       |       |             | Rig Number: 232  |  |  |
|------------|--------------------------------|-------|-------|-------------|--|--|--|
| Date       | From - To                      | Hours | Code  | Sub<br>Code | Description of Operations  |  |  |
| 10/21/2007 | 07:00 - 10:30                  | 3.50  | DRL   | 1           | P/U BHA  |  |  |
|            | 10:30 - 12:30                  | 2.00  | DRL   | 1           | DRLG CEMENT; TAGED CEMENT @ 1027, FLOAT COLLER @1068', SHOE  |  |  |
|            |                                |       | l     |             | @1113; 10' OF RAT HOLE, DRILLED 7' OF NEW HOLE, F/1123 T/1130 CIRC   |  |  |
|            | 12:30 - 13:00                  |       | CIRC  | 1           | CIRC HOLE CLEAN AN DO FIT TEST MW 8.4+ 125=10.5 EMW  |  |  |
|            | 13:00 - 16:00                  | 3,00  | DRL   | 1           | DRLG F/1130 T/1271 WOB 5/10, DHRPM 45, TPRPM 40, 300GPM, PP 630 PSI MW 8.4. VIS 28   |  |  |
|            | 16:00 - 17:00                  | 100   | SUR   | 1           | SWEEP HOLE & SURVEY, MISS RUN  |  |  |
|            | 17:00 - 23:00                  |       | DRL   | li          | DRLG F/ 1271 T/ 1554, SAME WOB & RPM AS ABOVE  |  |  |
|            | 23:00 - 01:00                  | 2.00  | RIG   | 8           | RIG REPAIR, GENERATORS DOWN  |  |  |
|            | 01:00 - 01:30                  |       | DRL   | 1           | DRLG F/1554 T/ 1586 WOB 10/15, DHRPM 55 TDRPM 55,  |  |  |
|            | 01:30 - 02:00                  |       | CIRC  | 1           | CIRC HOLE CLEAN  |  |  |
|            | 02:00 - 03:00                  | 1.00  | TRP   | 2           | POOH TO FIND OBSTRUCTION IN STRING AND REMOVE; FOUND A 13 5/8"   |  |  |
|            | <b>{</b>                       |       |       |             | BOP BOLT & A 7/8" NUT WEGED IN THE TOP OF THE 5th JT OF WHOP 184" UP   |  |  |
|            | 03:00 - 03:30                  | 0.50  | TRP   | 2           | FROM THE MONEL SOPPING THE SURVEY TOOL FROM PASSING.   |  |  |
|            | 03:30 - 06:00                  |       | RIG   | 8           | TOP DRIVE, MAIN FRAME HYDRALIC MOT WORKING   |  |  |
| 10/22/2007 | 06:00 - 09:30                  |       | RIG   | 2           | WORK ON TOP DRIVE MAIN FRAIM HYDROLICS   |  |  |
|            | 09:30 - 10:00                  | 0.50  | TRP   | 2           | RIH  |  |  |
|            | 10:00 - 10:30                  |       |       | 2           | RIH (SURVEY @1161 .7 108,7 AZI   |  |  |
|            | 10:30 - 11:00                  |       | TRP   | 2           | FINISH RIH FILL DP 100' OFF BOTTOM   |  |  |
|            | 11:00 - 11:30<br>11:30 - 12:00 |       |       | 1           | SAFTY WASH TO BOTTOM F/1486 T/1586 DEPTH CORR  |  |  |
|            | 12:00 - 06:00                  | 18.00 | SUR   | 1 2         | SURVEY @ 1498 ING. 7 AZI, 110.8  |  |  |
|            | 12.00 - 00,00                  | 10.00 | I NIG | ľ           | TOP DRIVE MOTOR DOWN, POOH 6 STANDS INTO CSG @ 1057 CIRC WITH<br>35 STK WHILE ATTEMPTING TO REPAIR TO MOTOR; RUN IN HOLE 3 STD AND |  |  |
|            |                                |       | l     |             | TEST MOTOR IN DRUG MODE, NO GOOD, POOH 3 STD AND CIRC @ 35 STK   |  |  |
|            |                                |       | l     |             | MIN. ATTEMPT TO REPAIR MOTOR, RUN IN HOLE 3 STD AND TEST IN DRLG   |  |  |
|            | l                              |       | l     |             | MODE,NO GOOD POOH TO SHOE, FIX TOP DRIVE MOTOR & TEST GOOD;  |  |  |
|            | 1                              |       | l     |             | WORK ON # 1 GENEROTOR, DIODE OUT, WATE ON PARTS FROM UNIT 323  |  |  |
| 10/23/2007 | 06:00 - 08:30                  | 2.50  | RIG   | 2           | PARTS ARRIVED ON LOCATION 0615 HR; REPLACE DIODE IN # 1  |  |  |
|            | 08:30 - 12:00                  | 3.50  | DRL   | 1           | GENERATOR AND TEST   |  |  |
|            | 00.50 * 12,00                  | 3.50  | DKL   | l' .        | DRLG F/ 1586 T/ 2023 WOB 15/25, GPM 393, DHRPM 59, TPRPM 67, =126<br>RPM, PP 950 PSI, DIFF PRESS 200 PSI,                          |  |  |
|            | 12:00 - 12:30                  | 0.50  | RIG   | 1           | RIG SERVICE  |  |  |
|            | 12:30 - 20:00                  | 7,50  | DRL   | 1           | DRLG F/2023 T/2669 WOB 20/30 GPM 432, DHRPM 65, TDRPM 70 = 135   |  |  |
|            |                                | l     | t     |             | RPM, PP 1050, DIFF PSI 220   |  |  |
|            | 20:00 - 21:00                  |       | SUR   | 1           | CICR, SURVEY, CONN   |  |  |
|            | 21:00 - 22:00                  | 1.00  | CIRC  | 2           | LOST RETURNS @ 2669, 39 BBL, PICK UP OFF BOTTOM 30' AND PUMP 50  |  |  |
|            |                                |       |       |             | STK MIN. ESTABLISHED RETURNS, TRANSFER AND BULD SWEEP, BRING   |  |  |
|            | 22:00 - 06:00                  | 800   | DRL   | 1           | PUMP UP TO 369 GPM RETURMS HOLDING, BYPASSING SHAKERS<br>DRLF F/2669 T/3525 WOB 20/30, GPM 369, (93 SPM) DHRPM 55 TDRPM 66         |  |  |
|            |                                | 0.00  |       | l'          | =121, PP1115, DIFF PRESS 275, BYPASSING SHAKERS, ROP 100' HR + -   |  |  |
| 10/24/2007 | 06:00 - 06:30                  | 0,50  | CIRC  | 1           | CIRC FOR SURVEY  |  |  |
|            | 06:30 - 07:00                  |       | SUR   | 1           | SURVEY @ 3439 DEG 2.2 AZI 168.1 NO CORR.   |  |  |
|            | 07:00 - 07:30                  | 0.50  |       | 1           | RIG SERVICE  |  |  |
|            | 07:30 - 12:00                  | 4.50  | DRL   | 1           | DRLG F/ 3325 T/3806' WOB 15/20, DHRPM 60, TDRPM 70 = 130RPM,   |  |  |
|            | 12:00 - 12:30                  | 0.50  | CIRC  | ا ا<br>ا    | PP1925, DIFF PRESS 200, ROP 66, LCM 5%   |  |  |
|            | 12:30 - 13:00                  | 0.50  |       | 1<br> 1     | CIRC FOR SURVEY<br>SURVEY @ 3718 INC 1.6 AZI 129,17 CORR   |  |  |
|            | 13:00 - 16:30                  | 3.50  |       | li l        | DRLG F/ 3806 T/ 4060 WOB 20/25, TDRPM 70/75, ALL OTHER'S SAME AS   |  |  |
|            |                                |       |       | l .         | ABOVE  |  |  |
|            | 16:30 - 17:00                  |       | отн   |             | INSTALL ROTATING HEAD  |  |  |
|            | 17:00 - 23:30                  |       | DRL.  | 1           | DRLG F/ 4060 T/4555 SAME AS ABOVE; 3%LCM   |  |  |
|            | 23:30 - 00:00                  | 0.50  | CIRC  | 1           | CIRC FOR SURVEY  |  |  |
|            | l                              | 1     |       |             |  |  |  |
|            | l                              | l     |       |             |  |  |  |
|            | l                              |       |       | <u> </u>    |  |  |  |
|            |                                |       |       |             | Printed: 11/7/2907 7:55:11 AM  |  |  |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26-8-S 22-E 26 Rig Name: UNIT Spud Date: 10/20/2007 Rig Release: Rig Number: 232

|            |                                |       |        |             | rig number. 202   |  |  |
|------------|--------------------------------|-------|--------|-------------|---|--|--|
| Date       | From - To                      | Hours | Code   | Sub<br>Code | Description of Operations   |  |  |
| 10/24/2007 | 00:00 - 00:30                  | 0,50  | SUR    | 1           | SURVEY @ 4467 INC 2.3 AZI 199.87 CORR   |  |  |
|            | 00:30 - 06:00                  | 5.50  | DRL    | 1           | DRLG F/ 4555 T/ 4813 WOB 22/25 SAME AS ABOVE; 3% LCM                          |  |  |
| 10/25/2007 | 06:00 ~ 07:30                  | 1.50  | CIRC   | 1           | CIRC. BOTTOMS UP  |  |  |
|            | 07:30 ~ 08:00                  | 0.50  | SUR    | 1           | DROP SURVEY, PUMP SLUG  |  |  |
|            | 08:00 - 12:00                  | 4.00  | TRP    | 10          | TRIP FOR BIT, HOLE TOOK 82 BBL TO FILL ( CALCULATED 39 BBL ) BREAK            |  |  |
|            |                                | ŧ     |        | l           | OFF BIT   |  |  |
|            | 12:00 - 14:00                  | 2.00  | TRP    | 10          | MAKE UP BIT, TIH TO SHOE, FILL PIPE   |  |  |
|            | 14:00 ~ 14:30                  |       | RIG    | 6           | SLIP AND CUTDRLG LINE   |  |  |
|            | 14:30 - 17:30                  |       | TRP    | 2           | TIH, INSTALL ROTATING HEAD  |  |  |
|            | 17:30 - 18:00                  |       |        | 1           | SAFETY WASH F/4745-4813*  |  |  |
|            | 18:00 - 05:30                  | 11.50 | DRL    | 1           | DRILL F/ 4813'-5221', WOB 15/20, RPM 70/60 = 130, ( 40.4 FPH ) BUILD 190 BBL  |  |  |
|            |                                |       |        | į .         | VOLUME, LCM 5%  |  |  |
|            | 05:30 - 06:00                  |       | ОТН    |             | CONNECTIONS AND SLOW PUMP RATES   |  |  |
| 10/26/2007 | 06:00 - 14:30                  | 8,50  | DRL    | 1           | DRILL, F/5221'-5312', (10.7 FPH) WOB 10/15, RPM 70+60= 130, 510 GPM,          |  |  |
|            |                                |       | !      |             | PUMP SWEEPS EVERY HOUR-TRYING TO CLEAN UP BIT AND HELP P. RATE,               |  |  |
|            |                                |       |        | İ           | NO FLUID LOSS   |  |  |
|            | 14:30 - 15:00                  |       | CIRC   | 1           | CIRC. BOTTOMS UP F/SURVEY @ 5312'   |  |  |
|            | 15:00 - 15:30                  |       | SUR    | 1           | WRELINE SURVEY @ 5281', 1.3 DEG., 122,57 AZ                                   |  |  |
|            | 15:30 - 16:00                  |       | RIG    | 1           | SERVICE RIG AND TOP DRIVE   |  |  |
|            | 16:00 - 05:30                  | 13.50 | DRL    | 1           | DRILL, F/5312-5613', (22.3 FPH), WOB 15/25, RPM 70+60=130, 510 GPM,           |  |  |
|            |                                | į.    | ŀ      |             | PUMP 20 BBL SWEEPS EVERY 2 HRS, NO FLUID LOSSES                               |  |  |
|            | 05:30 - 06:00                  |       | OTH    |             | CONNECTIONS AND SLOW PUMP RATES   |  |  |
| 10/27/2007 | 06:00 - 11:00                  | 5.00  | DRL    | 1           | DRILL, F/5613-5678', WOB 15/25, RPM 70+60=130, 510 GPM, 2000 PSI, PUMP        |  |  |
|            |                                |       |        |             | SWEEPS EVERY 2 HR TO CLEAN BIT AND HOLE, NO FLUID LOSS                        |  |  |
|            | 11:00 - 12:00                  |       | CIRC   | 1           | CIRC. BOTTOMS UP, BUILD HEAVY PILL  |  |  |
|            | 12:00 - 12:30                  |       | SUR    | 1           | DROP MULTI-SHOT, PUMP SLUG  |  |  |
|            | 12:30 - 15:30                  | 3,00  | TRP    | 10          | TRIP FOR BIT, RECOVER SURVEY, BREAK OFF BIT, FUNCTION PIPE AND                |  |  |
|            |                                |       |        |             | BLIND RAMS  |  |  |
|            | 15:30 - 19:30                  |       | TRP    | 10          | MAKE UP BIT, CHECK MUDMOTOR, TRIP IN HOLE, FILL PIPE @ BHA, 3000',            |  |  |
|            | 19:30 - 20:30                  |       | REAM   | 1           | SAFETY WASH TO BOTTOM, 5583-5678', LOST 92 BBL MUD ON TRIP                    |  |  |
|            | 20:30 - 05:30                  | 9.00  | DRL    | 1           | DRILL, F/5678' - 6063', WOB 10/15, RPM 73+55=128, 494 GPM, 2150 PSI, RUN      |  |  |
|            | 05:00 00:00                    | 0.50  |        |             | MUD CLEANERS TO LOWER SOLIDS- NO SEEPAGE                                      |  |  |
| 10/28/2007 | 05:30 - 06:00                  |       | отн    | l,          | CONNECTIONS AND SLOW PUMP RATES   |  |  |
| 10/20/2007 | 06:00 - 08:30                  | 2,50  | DRL    | 1           | DRILL F/ 6063'- 6158' ( 38 FPH)   |  |  |
|            | 08:30 - 09:00                  | 252   | l      | L           | LUBBIG ITT DIG AUG TOO DOG  |  |  |
|            | 09:00 - 01:30                  | 16.50 | RiG    | 1 1         | LUBRICATE RIG AND TOP DRIVE   |  |  |
|            |                                |       |        | 1           | DRILL F/6158' - 6723', (34.2 FPH)   |  |  |
|            | 01:30 - 02:00<br>02:00 - 02:30 |       | CIRC   | 1           | CIRC. FOR SURVEY  |  |  |
|            | 02:30 - 02:30                  |       | SUR    | 1           | SURVEY @6635, 2.1 DEG, 128.4 AZ   |  |  |
| 10/29/2007 | 06:00 - 10:30                  |       | DRL    | 1           | DRILL F/ 6723'-6800', (77 FPH)  |  |  |
| 10/28/2007 | 00:00 ~ 10:30                  | 4,50  | DRL    | 1           | DRILL F/ 6800' - 6911' (24.67 FPH) ADD 5 GPM TO MUD SYSTEM FOR                |  |  |
|            | 10:30 - 11:00                  | 0.50  | RIG    |             | MAINTENANCE   |  |  |
|            | 11:00 - 21:00                  | 10,00 |        | 1           | LUBRICATE RIG AND TOP DRIVE   |  |  |
|            | 21:00 - 21:00                  |       |        | 2           | DRILL F/ 6911' - 7193' (28.2 FPH)   |  |  |
|            | 21:30 - 21:30                  |       | DRL    | 1           | RIG REPAIR, CHANGE PUMP'S POP OFF'S   |  |  |
|            | 05:30 - 06:00                  |       | OTH    | '           | DRILL F/7193' - 7382' (AVG 23,63 FPH)   |  |  |
| 10/30/2007 | 06:00 - 12:00                  |       | DRL    | 1           | SLOW PUMP RATES AND CONNECTIONS   |  |  |
| 10/30/2001 | 00.00 - 12.00                  | 0.00  | JUNE . | l'          | DRILL, 7382-7475', (15.5 FPH), WOB 10/15, 70+42=112 RPM, 510 GPM, 2050<br>PSI |  |  |
|            | 12:00 - 12:30                  | 0.50  | RIG    | 1           | SERVICE RIG AND TOP DRIVE   |  |  |
|            | 12:30 - 12:30                  |       | DRL    | 1           | DRILL, 7475-7662', (20.7 FPH), WOB 10/20, 45+70=115 RPM, 510 GPM, 2150        |  |  |
|            | 12.00 - 21.00                  | 9.00  | I NE   | l'          | PSI (5000 UNITS GAS @7559')   |  |  |
|            | 21:30 - 22:00                  | 0.50  | CIRC   | 1           | CIRC FOR SURVEY   |  |  |
|            | 200                            | 0,30  | - INC  | l'          | OING FOR GORVET   |  |  |
|            |                                |       | ŀ      | i           |   |  |  |
|            |                                |       | ŀ      | l           |   |  |  |
|            |                                | L     |        | L           |   |  |  |
|            |                                |       |        |             |   |  |  |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26-8-S 22-E 26 Rig Name: UNIT Spud Date: 10/20/2007 Rig Release: Rig Number: 232

| Date       | From - To     | Hours | Code  | Sub<br>Code | Description of Operations  |
|------------|---------------|-------|-------|-------------|--|
| 10/30/2007 | 22:00 - 23:00 | 1.00  | SUR   | 1           | SURVEY @7574; 2.0 DEG., 181.1 AZ   |
|            | 23:00 - 05:30 | 6,50  | DRL   | 11          | DRILL, 7662-7818, (24, FPH), WOB 10/20, 45+70=112 RPM, 510 GPM, 2200 PSI   |
|            | 05:30 - 06:00 | 0,50  | OTH   | I           | CONNECTIONS AND SLOW PUMP RATE   |
| 10/31/2007 | 06:00 - 08:00 |       | DRL   | 11          | DRILL, 7818-7850', ( 16 FPH ), WOB 10/15, 45+70=115 RPM, 510 GPM, 2250 PSI |
|            | 08:00 - 08:30 |       | RIG   | li .        | SERVICE RIG AND TOP DRIVE  |
|            | 08:30 - 19:30 |       | DRL   | li .        | DRILL, 7850-8042, (17.45 FPH) WOB 12/15, 45+70=115 RPM, 510 GPM, 2450      |
|            |               |       |       | Ι΄ .        | PSI  |
|            | 19:30 - 20:00 | 0.50  | RIG   | 2           | RIG REPAIR, ( DEBRIS UNDER VALVE #1 PUMP )                                 |
|            | 20;00 - 00;00 |       | DRL   | lī.         | DRILL, 8042-8136', (23.5 FPH) WOB 12/15, 45+70=115 RPM, 510 GPM, 2450      |
|            |               |       |       | Ι'          | PSI  |
|            | 00:00 - 01:00 | 1.00  | RIG   | 2           | RIG REPAIR, ( REPLACE 3 DISCHARGE VALVES #2 PUMP )                         |
|            | 01:00 - 06:00 |       | DRL   | Ī-1         | DRILL, 8136-8223', ( 17.4 FPH ) WOB 12/16, 45+70=115 RPM, 510 GPM, 2500    |
|            | 1             |       |       | Ι'          | IPSI   |
| 11/1/2007  | 06:00 - 07:00 | 1.00  | RIG   | 2           | RIGREPAIR, (PUMP VALVES)   |
|            | 07:00 - 17:30 |       | DRL   | 1           | DRILL, 8223'-8445', (21.1 FPH) WOB 12/16, 50+70=120 RPM, 510 GPM, 2600     |
|            |               |       |       |             | PSI  |
|            | 17:30 - 18:00 | 0.50  | RIG   | 1           | SERVICE RIG AND TOP DRIVE  |
|            | 18:00 - 06:00 |       | DRL   | li .        | DRILL, 8445'-8680', (19.58 FPH) WOB 12/16, 50+70=120 RPM, 510 GPM, 2500    |
|            | 10.00         | 12.00 | J. 1. | Ι'          | IPSI   |
| 11/2/2007  | 06:00 - 17:00 | 11.00 | DRL   | 1           | DRILL, 8680-8900', (20 FPH) WOB 12/16, 55+69=124 RPM, 460 GPM, 2000 PSI    |
|            | 17:00 - 17:30 |       | RIG   | li .        | SERVICE RIG AND TOP DRIVE  |
|            | 17:30 - 18:00 |       | DRL   | 1           | DRILL, 8900-8920', (40 FPH) WOB 12/16, 55+69 =124 RPM, 460 GPM,2050 PSI    |
|            | 18:00 - 18:30 |       | RIG   | 2           | RIG REPAIR, ( DEBRIS UNDER PUMP VALVE )                                    |
|            | 18:30 - 00:00 |       | DRL   | 1           | DRILL,8920-9031 ',( 14,7 FPH ) WOB 12/16, 55+69=124RPM, 460 GPM,2050 PSI   |
|            | 00:00 - 01:00 |       | CIRC  | 1           | CIRC. BOTTOMS UP, MIX SLUG   |
|            | 01:00 - 01:30 |       | SUR   | 1           | DROP SURVEY, PUMP SLUG, FLOW CHECK   |
|            | 01:30 - 06:00 |       | TRP   | 10          | TRIP OUT OF HOLE, SLM, CURRENTLY @ 1000'                                   |
| 11/3/2007  | 06:00 - 07:00 |       | TRP   | 10          | T.O.H., SLM, ( NO CORRECTION ), CHANGE BIT AND MUD MOTOR,                  |
|            |               |       |       |             | FUNCTION PIPE AND BLIND RAMS   |
|            | 07:00 - 10:30 | 3.50  | TRP   | 10          | TRIP IN HOLE, FILL @ BHA, 4500', 7800'                                     |
|            | 10:30 - 11:00 | 0.50  | REAM  | 1           | SAFETY WASH 90' TO BOTTOM, 30' FILL  |
|            | 11:00 - 17:30 | 6.50  | DRL   | 11          | DRILL, 9031-9231, (30.7 FPH) WOB 8/10, 45+69=114 RPM, 460 GPM, 2000 PSI    |
|            | 17:30 ~ 18:00 | 0.50  | RIG   | 1           | SERVICE RIG AND TOP DRIVE  |
|            | 18:00 - 01:00 | 7.00  | DRL   | 1           | DRILL, 9231-9361, (18.5 FPH) RAISING MUD WT TO 9.5 PPG                     |
|            | 01:00 - 06:00 |       | CIRC  | 2           | LOST CIRC @ 9361', (85 BBL.), PUMP 75 BBL LCM PILL-REGAINED PARTIAL        |
|            |               |       |       | Γ           | RETURNS, STEP UP PUMP SPEED SLOWLY TO 430 GPM , FULL RETURNS,              |
|            |               |       |       | l           | BUILD VOLUME   |
|            |               |       |       |             | (LOST 200 BBL TOTAL) BG GAS @ 1300 UNITS                                   |
| 11/4/2007  | 06:00 - 08:30 | 2.50  | DRL   | 1           | DRILL, 9361-9436' (30 FPH ) WOB 8/12, 50+63=113 RPM, 420 GPM, 2050 PSI     |
|            |               |       |       | l .         | INO MUD LOSS   |
|            | 08:30 - 09:00 | 0.50  | RIG   | 1           | SERVICE RIG, CHANGE OIL IN TOP DRIVE                                       |
|            | 09:00 - 06:00 |       | DRL   | 1           | DRILL, 9436-9665, (11.7 FPH )PUMP 20 BBL LCM SWEEPS EVERY HR, BIT          |
|            |               |       |       | 1           | BALLING- PUMPING SWEEPS, DUMPING SAPP IN D.P., TRYING DIFFERENT            |
|            | i             |       |       |             | PARAMETERS ON BIT ( TIME CHANGE 1 HR )                                     |
| 11/5/2007  | 06:00 - 12:00 | 6.00  | DRL   | 1           | DRILL, 9665-9716', ( 8.5 FPH ) WOB 9/12, 65+65=130 RPM, 432 GPM, 1900 PSI, |
|            |               |       |       | 1           | LOST 90 BBL @ 9700', PUMPING LCM SWEEPS, LOSSES SLOWED TO 24 BPH           |
|            | 12:00 - 12:30 | 0.50  | RIG   | 1           | SERVICE RIG AND TOP DRIVE, REPAIR BREAKER IN TRANSFORMER                   |
|            | 12:30 - 06:00 |       | DRL   | li          | DRILL, 9716-9900, (10.5 FPH) WOB 9/12, 63+62=125 RPM, 430 GPM, 1700 PSI.   |
|            | 1             |       | l     | 1           | MUD LOSS 24 BBL HR   |
| 11/6/2007  | 06:00 - 14:30 | 8,50  | DRL   | 1           | DRILL, 9900-9996, (11.29 FPH) WOB 10/12, 60+63=123 RPM, 1750 PSI, 420      |
|            |               | 1     | l     | ľ           | GPM, MUD LOSS 15 BBL PER HR, PUMPING LCM AND BIT UNBALLING                 |
|            |               | 1     | I     | 1           | SWEEPS   |
|            |               | l     | I     | l           |  |
|            |               |       | I     | l           | ·  |
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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26-8-S 22-E 26 Rig Name: UNIT Spud Date: 10/20/2007 Rig Release: Rig Number: 232

| i | Ng Name. 0111 |       |         |       |      |                | Rig Number: 232   |  |  |
|---|---------------|-------|---------|-------|------|----------------|---|--|--|
|   | Date          | Fron  | n - To  | Hours | Code | Sub<br>Code    | Description of Operations   |  |  |
|   | 11/6/2007     | 14:30 | - 15:00 | 0.50  | RIG  | 1              | SERVICE RIG AND TOP DRIVE   |  |  |
|   |               |       | - 17:00 |       | DRL  | 1              | DRILL, 9996-10001', (2.5 FPH) WOB 12/20, 60+63=123 RPM, 1800 PSI, 420 IGPM                                    |  |  |
|   |               | 17:00 | - 18:00 | 1.00  | CIRC | l <sub>1</sub> | CIRC. BOTTOMS UP, BUILD TRIP SLUG   |  |  |
|   |               | 18:00 | - 18:30 |       | ОТН  |                | DROP SUVREY, FLOW CHECK   |  |  |
|   |               |       | - 20:30 |       | CIRC | 1              | KELLY UP, CIRC, 25' FLARE   |  |  |
|   |               | 20;30 | - 23:30 | 3.00  | DRL  | 1              | DRILL,10001-100 05, CONDITION MUD-RAISING MUD WT F/9.7# TO 9.9#, 25' FLARE FOR 2 MINUTES                      |  |  |
|   |               | 23:30 | - 02:30 | 3,00  | CIRC | 2              | LOST RETURNS, PICKUP OFF BOTTOM, REDUCE PUMP RATE, PUMP LCM<br>PILL   |  |  |
|   |               | 02:30 | - 03:00 | 0.50  | TRP  | 2              | PULL 2 STANDS D.P.  |  |  |
|   |               | 03:00 | - 03:30 | 0,50  | CIRC | 2              | SPOT 75 BBL( 20% ) LCM PILL   |  |  |
|   |               | 03:30 | - 04:00 | 0.50  | TRP  | 2              | PULL 8 STANDS   |  |  |
|   |               | 04:00 | - 06:00 | 2.00  | CIRC | 1              | CIRC, BUILD HEAVY PILL (30#PER BBL LCM), FLOW CHECK (LOST 400<br>BBL MUD TOTAL), LOST RETURNS-MIX LCM PILL    |  |  |
|   | 11/7/2007     | 06:00 | - 08;00 | 2.00  | CIRC | 2              | LOST RETURNS, (115 BBL.) MUD WENT BELOW A-SECTION, MIXING (40 #<br>PER BBL.) LCM PILL@ 9000', BUILDING VOLUME |  |  |
|   |               | 08:00 | - 08:30 | 0.50  | CIRC | 2              | PUMP AND DISPLACE LCM PILL, NO RETURNS-PUMPED 166 BBLS BEFORE<br>ANY PRESSURE INCREASE 245 BBL TOTAL          |  |  |
|   |               | 08:30 | - 15:00 |       |      | 2              | MIXING & PUMP 3 LCM PILLS, 120 BBL,EACH, (40 #PER BBL, 9.8 PPG)<br>NO RETURNS                                 |  |  |
| - |               | 15:00 | - 16:00 | 1.00  | CIRC | 2              | BUILD NEW SWELL/ NEW SEAL PILL (40 BBL.)  |  |  |
| 1 |               | 16:00 | - 16:30 | 0.50  | TRP  | 2              | TRIP IN TO 9260'  |  |  |
| - |               | 16:30 | - 17:30 | 1.00  | CIRC | 2              | PUMP NEW SWELL, GOT RETURNS WHILE PUMPING   |  |  |
| - |               | 17:30 | - 18:00 |       |      | 2              | PULL 10 STDS D.P. TO 8321'  |  |  |
| ١ |               | 18:00 | - 18:30 |       | отн  |                | WAIT ON PILL TO SET   |  |  |
| - |               | 18:30 | - 21:30 | 3.00  | CIRC | 1              | BREAK CIRC. @ 50 SPM, CIRC. OUT GAS, BUILD TRIP SLUG ( HOLE   |  |  |
| ١ |               |       | - 22:30 |       | отн  | Ī              | BALLOONING ) FLOW CHECK, SPOT HEAVY PILL  |  |  |
|   |               |       | - 06:00 |       |      | 2              | TRIP OUT,   |  |  |
| - |               |       |         |       |      |                |   |  |  |
| ١ |               |       |         |       |      |                |   |  |  |
| 1 |               |       |         |       |      |                |   |  |  |
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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26- 8-S 22-E 26 Rig Name: UNIT

10/20/2007

Spud Date: 10/2 Rig Release: Rig Number: 232

| Date          | From - To     | Hours | Code | Sub<br>Code | Description of Operations   |
|---------------|---------------|-------|------|-------------|---|
| 0/4/2007      | 06:00 - 14:00 | 8.00  | LOC  | 2           | DRLG 80' OF CONDUCTOR HOLE AND CEMENT WITH 5 YARDS READY MIX      |
| 10/5/2007     | 06:00 -       |       |      |             |   |
| 10/8/2007     | 06:00 - 18:00 | 12.00 | LOC  | 4           | CLEAN PITS, RIG DOWN SWIVEL, TOP DRIVE AND TRACK, RIG DOWN        |
|               |               |       |      |             | SOLIDS CONTROL, LOAD OUT SLIM STRING                              |
|               |               |       |      |             | RIG RELEASED @18:00 HR  |
|               | 18:00 - 06:00 | 12.00 |      |             | RIG DOWN FLOOR, PLATES, SPREADERS, SHED, BRIDLE UP, CHANGE        |
|               |               |       |      |             | RAMS, BREAK DOWN PUMPS, CLEAN ON SUB                              |
| 10/9/2007     | 06:00 - 18:00 | 12.00 | LOC  | 4           | SET OUT FRONT YARD, L.D. DERRICK @ 10:00, KNOCK LINES LOOSE, PULL |
|               |               |       |      |             | WIRES, KILL RIG POWER-HOOK UP AUX. GEN, ROLL UP HOSES, CLEAN OUT  |
|               |               |       |      |             | OBM TANK FARM, CLEAN ON RIG                                       |
|               | 18:00 - 06:00 | 12.00 | ОТН  |             | RIG IDLE OVERNIGHT ( 25 % RIG DOWN ) TRUCKS AND CRANES THIS A.M.  |
| 10/10/2007 06 | 06:00 - 18:00 | 12.00 | LOC  | 4           | RIG DOWN, TANK FARM, UNSTRING DERRICK, SET OUT TANK FARM, BAR     |
|               |               |       |      |             | HOPPERS, MIXING HOUSE, PUMPS, LOAD OUT MOTOR PACKAGE & MATS,      |
|               |               |       |      |             | SCR, FUEL TANK, SOLIDS CONTROL,                                   |
|               | 18:00 - 06:00 | 12.00 | LOC  | 4           | RIG IDLE OVERNIGHT 40% RIG DOWN, 7 LOADS MOVE ALL CAMPS THIS      |
|               |               | l     |      |             | A.M.  |
| 10/11/2007    | 06:00 - 18:00 | 12.00 | LOC  | 4           | R/D DERRICK AND INSPECT, LOAD OUT TRUCKS                          |
|               | 18:00 - 06:00 | 12.00 | LOC  | 4           | RIG IDLE OVER NIGHT, 50 % RIG DOWN & 20 % MOVED                   |
| 10/12/2007    | 06:00 - 18:00 | 12.00 | LOC  | 4           | INSPECT DERRICK, LOAD OUT TRUCKS & RIG DOWN                       |
|               | 18:00 - 06:00 | 12.00 | LOC  | 4           | RIG IDLE OVER NIGHT 70 % R/D; MOVED 25 %; RIG UP 15 %             |
| 10/13/2007    | 06:00 - 18:00 | 12.00 | LOC  | 4           | RIG DOWN , LOAD OUT TRUCKS & RIG UP                               |
|               | 18:00 - 06:00 | 12.00 | LOC  | 4           | RIG IDLE OVER NIGHT; 85 % RIGED DOWN; MOVED 30 %; RIGED UP15 %    |
| 10/14/2007    | 06:00 - 18:00 | 12.00 | LOC  | 4           | UNLOAD TRUCKS & RIG UP  |
|               | 18:00 - 06:00 | 12.00 |      | 4           | RIG IDLE OVER NIGHT: RIGED DOWN 100%; MOVED 60% RIGED UP 30%      |
| 10/15/2007    | 06:00 - 18:00 | 12.00 |      | 4           | SET SUB, BUILD DERRICK, BUTTON UP MUD TANKS TO CHECK FOR LEAKS,   |
|               | 00.00         | 12.00 |      |             | SET DRAWWORKS ON FLOOR  |
|               | 18:00 - 06:00 | 12.00 | LOC  | 4           | RIG IDLE OVER NIGHT; 100% RIGED DOWN, 100% MOVED, 40% RIGED UP    |
| 10/16/2007    | 06:00 - 18:00 | 12.00 |      | 4           | DRESS DERRICK, SET IN WATER TANK & DOG HOUSE; BUILD FLOW LINE;    |
| 10/10/2007    | 00.00 10.00   | 12.00 |      | '           | WELD ON FLOOR IN MUD TANK; SET FROCED AIR HEATER;                 |
|               | 18:00 - 06:00 | 12.00 | LOC  | 4           | RIG IDLE OVER NIGHT 55% RIGED UP, TRUCKS RELEASED @ 0900 HR,      |
|               | 10.00         | 12.00 |      |             | CRAIN STILL RIGGING UP  |
| 10/17/2007    | 06:00 - 18:00 | 12.00 | 100  | 4           | FINISH DRESSING DERRICK, STRINGING UP & RASED DERRICK; SET SHALE  |
| 10/11/2001    | 00.00         | 12.00 |      | '           | SHAKERS, WELD ON MUD TANKS, & CHECK FOR LEAK. SET ZECO MUD        |
|               |               |       |      |             | CLEANERS  |
|               | 18:00 - 06:00 | 12.00 | LOC  | 4           | RIG IDLE OVER NIGHT; 65% RIGED UP                                 |
| 10/18/2007    | 06:00 - 18:00 | 12.00 |      | 4           | SET IN FLOOR PLATES, P/U TOP DRIVE RAILS; WELD ON FLOW LINE &     |
| 10/10/2007    | 00.00 - 10.00 | 12.00 |      | 7           | SHAKER MANAFOLD; R/U MUD CLEANERS, SET PREMIX TANK, SET BAR       |
|               |               |       |      |             | HOPPERS   |
|               | 18:00 - 06:00 | 12.00 |      | 1           | RIG IDLE OVER NIGHT, 75% RIGED UP                                 |
| 10/19/2007    | 06:00 - 18:00 | 12.00 |      | 4           | P/U SWIVEL & TOP DEIVE AND LOAD TEST CONN. R/U MOTOR FOR TOP      |
| 10/18/200/    | 55.00 - 15.00 | 12.00 | 200  | •           | DRIVE: WIRE IN PRE MIX TANK, R/U LINES TO FLAIR BOX; DUMP 6 YARDS |
|               |               |       |      |             | CEMENT IN CELLER  |
|               | 18:00 - 06:00 | 12.00 |      |             | RIG IDLE OVER NIGHT; 88% RIGED UP                                 |
| 10/20/2007    | 06:00 - 15:00 |       | LOC  | 4           | FINISH RIGGING UP TOP DRIVE, HANG WIND WALLS, DUMP 3 MORE YARDS   |
| 10/20/2007    | 00.00 - 15.00 | 5.00  | 200  | 1           | CEMENT IN CELLER, R/U IGNITOR ON FLARE BOX; DO RIG INSPECTION     |
|               | 15:00 - 18:00 | 3.00  |      | 1           | TORQUE UP BOP BOLTS   |
|               | 18:00 - 02:00 | 8.00  |      |             | TEST BOP: TOP PIPE RAMS, BLIND RAMS, HCR, MANUAL VALVES, CHECK    |
|               | 10.00 - 02:00 | 0.00  | 1    |             | VALVE, CHOKE MANAFOLD, LOW 250#, HIGH 5000#; ANNULAR 250# LOW     |
|               |               |       |      |             | 3500# HIGH; TOP DRIVE, STAND PIPE AND MUD LINES BACK TO THE 4"    |
|               |               |       |      |             | VALVES ON THE MUD PUMP 250# LOW & 3000# HIGH                      |
|               | 00.00 04.00   | 0.00  |      |             | P/U BHA AND STAND BACK IN DERRICK                                 |
|               | 02:00 - 04:00 | 2.00  |      |             |   |
| 40/04/0007    | 04:00 - 06:00 | 2.00  |      | 2           | INSTALL BOTTOM PIPE RAMS INSTALL WEAR BUSHING                     |
| 10/21/2007    | 06:00 - 07:00 | 1.00  | BOP  | 2           | INSTALL WEAR DUSTING  |
|               |               |       |      |             |   |
|               |               |       |      |             |   |
|               |               |       |      |             |   |
|               |               |       | -    |             | Printed: 12/3/2007 11:02:55 AM                                    |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26- 8-S 22-E 26 Rig Name: UNIT

10/20/2007

Spud Date: 10/20 Rig Release: Rig Number: 232

| Date          | From - To     | Hours | Code | Sub<br>Code | Description of Operations  |
|---------------|---------------|-------|------|-------------|--|
| 10/21/2007    | 07:00 - 10:30 | 3.50  | DRL  | 1           | P/U BHA  |
|               | 10:30 - 12:30 | 2.00  | DRL  | 1           | DRLG CEMENT; TAGED CEMENT @ 1027, FLOAT COLLER @1068', SHOE                    |
|               |               |       |      |             | @1113; 10' OF RAT HOLE, DRILLED 7' OF NEW HOLE, F/1123 T/1130 CIRC             |
| 12:30 - 13:00 | 12:30 - 13:00 | 0.50  | CIRC | 1           | CIRC HOLE CLEAN AN DO FIT TEST MW 8.4+ 125=10.5 EMW                            |
|               | 13:00 - 16:00 | 3.00  | DRL  | 1           | DRLG F/1130 T/1271 WOB 5/10, DHRPM 45, TPRPM 40, 300GPM, PP 630 PSI            |
|               |               |       |      |             | MW 8.4, VIS 28   |
|               | 16:00 - 17:00 | 1.00  | SUR  | 1           | SWEEP HOLE & SURVEY, MISS RUN  |
|               | 17:00 - 23:00 | 6.00  | DRL  | 1           | DRLG F/ 1271 T/ 1554, SAME WOB & RPM AS ABOVE                                  |
|               | 23:00 - 01:00 | 2.00  | RIG  | 8           | RIG REPAIR, GENERATORS DOWN  |
|               | 01:00 - 01:30 | 0.50  | DRL  | 1           | DRLG F/1554 T/ 1586 WOB 10/15, DHRPM 55 TDRPM 55,                              |
|               | 01:30 - 02:00 | 0.50  | CIRC | 1           | CIRC HOLE CLEAN  |
|               | 02:00 - 03:00 | 1.00  | TRP  | 2           | POOH TO FIND OBSTRUCTION IN STRING AND REMOVE; FOUND A 13 5/8"                 |
|               | 1             |       |      |             | BOP BOLT & A 7/8" NUT WEGED IN THE TOP OF THE 5th JT OF WHDP 184" UP           |
|               |               |       |      |             | FROM THE MONEL SOPPING THE SURVEY TOOL FROM PASSING.                           |
|               | 03:00 - 03:30 | 0.50  | TRP  | 2           | RIH  |
|               | 03:30 - 06:00 |       | RIG  | 8           | TOP DRIVE, MAIN FRAME HYDRALIC MOT WORKING                                     |
| 0/22/2007     | 06:00 - 09:30 |       | RIG  | 2           | WORK ON TOP DRIVE MAIN FRAIM HYDROLICS   |
|               | 09:30 - 10:00 |       | TRP  | 2           | RIH  |
|               | 10:00 - 10:30 |       | TRP  | 2           | RIH (SURVEY @1161 .7 108.7 AZI   |
|               | 10:30 - 11:00 |       | TRP  | 2           | FINISH RIH FILL DP 100' OFF BOTTOM   |
|               | 11:00 - 11:30 |       | REAM | 1           | SAFTY WASH TO BOTTOM F/ 1486 T/ 1586 DEPTH CORR                                |
|               | 11:30 - 12:00 |       | SUR  | 1           | SURVEY @ 1498 ING7 AZI. 110.8  |
|               | 12:00 - 06:00 | 18.00 |      | 2           | TOP DRIVE MOTOR DOWN, POOH 6 STANDS INTO CSG @ 1057 CIRC WITH                  |
|               | 12.00 - 00.00 | 10.00 | 1110 | -           | 35 STK WHILE ATTEMPTING TO REPAIR TD MOTOR; RUN IN HOLE 3 STD AND              |
|               |               |       |      |             | TEST MOTOR IN DRLG MODE, NO GOOD, POOH 3 STD AND CIRC @ 35 STK                 |
|               |               |       |      |             | MIN. ATTEMPT TO REPAIR MOTOR, RUN IN HOLE 3 STD AND TEST IN DRLG               |
|               |               |       |      |             | MODE.NO GOOD POOH TO SHOE, FIX TOP DRIVE MOTOR & TEST GOOD;                    |
|               |               |       |      |             | WORK ON # 1 GENEROTOR, DIODE OUT, WATE ON PARTS FROM UNIT 323                  |
| 0.000.00007   | 06:00 - 08:30 | 0.50  | RIG  | 2           | PARTS ARRIVED ON LOCATION 0615 HR; REPLACE DIODE IN # 1                        |
| 10/23/2007    | 06.00 - 06.30 | 2.50  | RIG  | -           | GENERATOR AND TEST   |
|               | 00.00 40.00   | 2 50  | DDI  | 1           | DRLG F/ 1586 T/ 2023 WOB 15/25, GPM 393, DHRPM 59, TPRPM 67, =126              |
|               | 08:30 - 12:00 | 3.50  | DRL  | 1           | RPM. PP 950 PSI, DIFF PRESS 200 PSI,   |
|               | 40.00 40.00   | 0.50  | DIO  | ١,          |  |
|               | 12:00 - 12:30 |       | RIG  | 1           | RIG SERVICE<br>DRLG F/ 2023 T/ 2669 WOB 20/30 GPM 432, DHRPM 65, TDRPM 70 =135 |
|               | 12:30 - 20:00 | 7.50  | DRL  | 1           |  |
|               |               |       |      | ١.          | RPM, PP 1050, DIFF PSI 220   |
|               | 20:00 - 21:00 |       | SUR  | 1           | CICR, SURVEY, CONN   |
|               | 21:00 - 22:00 | 1.00  | CIRC | 2           | LOST RETURNS @ 2669, 39 BBL, PICK UP OFF BOTTOM 30' AND PUMP 50                |
|               |               |       |      |             | STK MIN. ESTABLISHED RETURNS, TRANSFER AND BULD SWEEP, BRING                   |
|               |               |       |      | l.          | PUMP UP TO 369 GPM RETURMS HOLDING, BYPASSING SHAKERS                          |
|               | 22:00 - 06:00 | 8.00  | DRL  | 1           | DRLF F/ 2669 T/ 3525 WOB 20/30, GPM 369, ( 93 SPM ) DHRPM 55 TDRPM 66          |
|               |               |       |      |             | =121, PP1115, DIFF PRESS 275, BYPASSING SHAKERS, ROP 100' HR + -               |
| 0/24/2007     | 06:00 - 06:30 |       | CIRC | 1           | CIRC FOR SURVEY  |
|               | 06:30 - 07:00 |       | SUR  | 1           | SURVEY @ 3439 DEG 2.2 AZI 168.1 NO CORR.                                       |
|               | 07:00 - 07:30 |       | RIG  | 1           | RIG SERVICE  |
|               | 07:30 - 12:00 | 4.50  | DRL  | 1           | DRLG F/ 3325 T/3806' WOB 15/20, DHRPM 60, TDRPM 70 = 130RPM,                   |
|               |               | 1     |      |             | PP1925, DIFF PRESS 200, ROP 66, LCM 5%   |
|               | 12:00 - 12:30 |       | CIRC | 1           | CIRC FOR SURVEY  |
|               | 12:30 - 13:00 |       | SUR  | 1           | SURVEY @ 3718 INC 1.6 AZI 129.17 CORR  |
|               | 13:00 - 16:30 | 3.50  | DRL  | 1           | DRLG F/ 3806 T/ 4060 WOB 20/25, TDRPM 70/75, ALL OTHER'S SAME AS               |
|               |               |       | į    |             | ABOVE  |
|               | 16:30 - 17:00 | 0.50  | ОТН  | 1           | INSTALL ROTATING HEAD  |
|               | 17:00 - 23:30 | 6.50  | DRL  | 1           | DRLG F/ 4060 T/4555 SAME AS ABOVE; 3%LCM                                       |
|               | 23:30 - 00:00 | 0.50  | CIRC | 1           | CIRC FOR SURVEY  |
|               |               |       |      |             |  |
|               |               |       |      |             |  |
|               |               |       |      |             |  |
|               |               | 1     |      |             | <u> </u>   |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26- 8-S 22-E 26 Rig Name: UNIT

10/20/2007

Spud Date: 10/2 Rig Release: Rig Number: 232

| Date        | From - To     | Hours | Code | Sub<br>Code | Description of Operations  |
|-------------|---------------|-------|------|-------------|--|
| 10/24/2007  | 00:00 - 00:30 | 0.50  | SUR  | 1           | SURVEY @ 4467 INC 2.3 AZI 199.87 CORR  |
|             | 00:30 - 06:00 | 5.50  | DRL  | 1           | DRLG F/ 4555 T/ 4813 WOB 22/25 SAME AS ABOVE; 3% LCM                         |
| 10/25/2007  | 06:00 - 07:30 | 1.50  | CIRC | 1           | CIRC. BOTTOMS UP   |
| 10/20/2001  | 07:30 - 08:00 |       | SUR  | 1           | DROP SURVEY, PUMP SLUG   |
| 08:00 - 12: |               |       | TRP  | 10          | TRIP FOR BIT, HOLE TOOK 82 BBL TO FILL ( CALCULATED 39 BBL ) BREAK           |
|             | 00.00 - 12.00 | 4.00  | ***  | ."          | OFF BIT  |
|             | 12:00 - 14:00 | 2.00  | TRP  | 10          | MAKE UP BIT, TIH TO SHOE, FILL PIPE  |
|             |               |       |      |             | SLIP AND CUT DRLG LINE   |
|             | 14:00 - 14:30 |       | RIG  | 6           |  |
|             | 14:30 - 17:30 |       | TRP  | 2           | TIH, INSTALL ROTATING HEAD   |
|             | 17:30 - 18:00 |       | REAM | 1           | SAFETY WASH F/4745'-4813'  |
|             | 18:00 - 05:30 | 11.50 | DRL  | 1           | DRILL F/ 4813'-5221', WOB 15/20, RPM 70/60 = 130, ( 40.4 FPH ) BUILD 190 BBL |
|             |               |       |      | 1           | VOLUME, LCM 5%   |
|             | 05:30 - 06:00 | 0.50  | OTH  |             | CONNECTIONS AND SLOW PUMP RATES  |
| 10/26/2007  | 06:00 - 14:30 | 8.50  | DRL  | 1           | DRILL, F/5221'-5312', ( 10.7 FPH ) WOB 10/15, RPM 70+60= 130, 510 GPM,       |
|             |               |       |      |             | PUMP SWEEPS EVERY HOUR-TRYING TO CLEAN UP BIT AND HELP P. RATE               |
|             |               |       |      | 1           | NO FLUID LOSS  |
|             | 14:30 - 15:00 | 0.50  | CIRC | 1           | CIRC. BOTTOMS UP F/ SURVEY @ 5312'   |
|             | 15:00 - 15:30 |       | SUR  | li          | WIRELINE SURVEY @ 5281', 1.3 DEG., 122.57 AZ                                 |
|             | 15:30 - 16:00 |       | RIG  | ľ           | SERVICE RIG AND TOP DRIVE  |
|             |               |       |      |             |  |
|             | 16:00 - 05:30 | 13.50 | DKL  | 1           | DRILL, F/ 5312'-5613', ( 22.3 FPH ), WOB 15/25, RPM 70+60=130, 510 GPM,      |
|             | Į             |       |      |             | PUMP 20 BBL SWEEPS EVERY 2 HRS, NO FLUID LOSSES                              |
|             | 05:30 - 06:00 |       | отн  |             | CONNECTIONS AND SLOW PUMP RATES  |
| 10/27/2007  | 06:00 - 11:00 | 5.00  | DRL  | 1           | DRILL, F/ 5613'-5678', WOB 15/25, RPM 70+60=130, 510 GPM, 2000 PSI, PUMP     |
|             |               |       |      |             | SWEEPS EVERY 2 HR TO CLEAN BIT AND HOLE, NO FLUID LOSS                       |
|             | 11:00 - 12:00 | 1.00  | CIRC | 1           | CIRC. BOTTOMS UP, BUILD HEAVY PILL   |
|             | 12:00 - 12:30 |       | SUR  | i           | DROP MULTI-SHOT, PUMP SLUG   |
|             | 12:30 - 15:30 |       | TRP  | 10          | TRIP FOR BIT, RECOVER SURVEY, BREAK OFF BIT, FUNCTION PIPE AND               |
|             | 1.2.00        | 5.00  |      | "           | BLIND RAMS   |
|             | 15:30 - 19:30 | 4.00  | TRP  | 10          | MAKE UP BIT, CHECK MUDMOTOR, TRIP IN HOLE, FILL PIPE @ BHA, 3000',           |
|             | 19:30 - 19:30 |       | REAM | 1           | SAFETY WASH TO BOTTOM, 5583'-5678', LOST 92 BBL MUD ON TRIP                  |
|             |               |       |      | 1.          | DRILL, F/ 5678' - 6063', WOB 10/15, RPM 73+55=128, 494 GPM, 2150 PSI, RUN    |
|             | 20:30 - 05:30 | 9.00  | DRL  | 1           |  |
|             | 1             | l .   | l    | 1           | MUD CLEANERS TO LOWER SOLIDS- NO SEEPAGE                                     |
|             | 05:30 - 06:00 |       | ОТН  | 1.          | CONNECTIONS AND SLOW PUMP RATES  |
| 10/28/2007  | 06:00 - 08:30 | 2.50  | DRL  | 1           | DRILL F/ 6063'- 6158' ( 38 FPH)  |
|             | 00.00 00.00   | 0.50  | RIG  | 1           | LUBRICATE RIG AND TOP DRIVE  |
|             | 08:30 - 09:00 |       |      |             |  |
|             | 09:00 - 01:30 |       | DRL  | 1           | DRILL F/ 6158' - 6723', ( 34.2 FPH )   |
|             | 01:30 - 02:00 |       | CIRC | 1           | CIRC. FOR SURVEY   |
|             | 02:00 - 02:30 |       | SUR  | 1           | SURVEY @6635', 2.1 DEG, 128.4 AZ   |
|             | 02:30 - 06:00 |       | DRL  | 1           | DRILL F/ 6723'-6800', ( 77 FPH )   |
| 10/29/2007  | 06:00 - 10:30 | 4.50  | DRL  | 1           | DRILL F/ 6800' - 6911' (24.67 FPH) ADD 5 GPM TO MUD SYSTEM FOR               |
|             |               |       |      |             | MAINTENANCE  |
|             | 10:30 - 11:00 | 0.50  | RIG  | 1           | LUBRICATE RIG AND TOP DRIVE  |
|             | 11:00 - 21:00 |       | DRL  | li          | DRILL F/ 6911' - 7193' (28.2 FPH)  |
|             | 21:00 - 21:30 |       | RIG  | 2           | RIG REPAIR, CHANGE PUMP'S POP OFF'S  |
|             |               |       | DRL  | 1           | DRILL F/ 7193' - 7382' (AVG 23.63 FPH)                                       |
|             | 21:30 - 05:30 |       |      | 1'          |  |
|             | 05:30 - 06:00 |       | OTH  | l.          | SLOW PUMP RATES AND CONNECTIONS  |
| 10/30/2007  | 06:00 - 12:00 | 6.00  | DRL  | 1           | DRILL, 7382'-7475', (15.5 FPH), WOB 10/15, 70+42=112 RPM, 510 GPM, 2050      |
|             |               |       |      | 1           | PSI  |
|             | 12:00 - 12:30 |       | RIG  | 1           | SERVICE RIG AND TOP DRIVE  |
|             | 12:30 - 21:30 | 9.00  | DRL  | 1           | DRILL, 7475'-7662', ( 20.7 FPH ), WOB 10/20, 45+70=115 RPM, 510 GPM, 2150    |
|             | 1             |       |      | 1           | PSI ( 5000 UNITS GAS @7559' )  |
|             | 21:30 - 22:00 | 0.50  | CIRC | 1           | CIRC FOR SURVEY  |
|             |               |       |      |             |  |
|             |               |       |      |             |  |
|             |               |       |      |             |  |
|             |               | L     | L    |             | Di-1-1 4000007 4100255 AM  |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26- 8-S 22-E 26 Rig Name: UNIT

10/20/2007

Spud Date: 10/2 Rig Release: Rig Number: 232

| Date        | From - To     | Hours | Code | Sub<br>Code | Description of Operations  |
|-------------|---------------|-------|------|-------------|--|
| 10/30/2007  | 22:00 - 23:00 | 1.00  | SUR  | 1           | SURVEY @7574', 2.0 DEG., 181.1 AZ  |
|             | 23:00 - 05:30 | 6.50  | DRL  | 1           | DRILL, 7662'-7818', ( 24. FPH ), WOB 10/20, 45+70=112 RPM, 510 GPM, 2200 PSI           |
|             | 05:30 - 06:00 |       | ОТН  | l .         | CONNECTIONS AND SLOW PUMP RATE   |
| 10/31/2007  | 06:00 - 08:00 |       | DRL  | 1           | DRILL, 7818'-7850', ( 16 FPH ), WOB 10/15, 45+70=115 RPM, 510 GPM, 2250 PSI            |
| 10/3/1/2007 | 08:00 - 08:30 |       | RIG  | li i        | SERVICE RIG AND TOP DRIVE  |
|             | 08:30 - 19:30 | 11.00 |      | li          | DRILL, 7850'-8042', ( 17.45 FPH ) WOB 12/15, 45+70=115 RPM, 510 GPM, 2450              |
|             | 06.30 - 19.30 | 11.00 | DKL  |             | PSI  |
|             | 19:30 - 20:00 | 0.50  | RIG  | 2           | RIG REPAIR, ( DEBRIS UNDER VALVE #1 PUMP )   |
|             | 20:00 - 00:00 | 4.00  | DRL  | 1           | DRILL, 8042'-8136', (23.5 FPH) WOB 12/15, 45+70=115 RPM, 510 GPM, 2450 PSI             |
|             | 00:00 - 01:00 | 1 00  | RIG  | 2           | RIG REPAIR. ( REPLACE 3 DISCHARGE VALVES #2 PUMP )                                     |
|             | 01:00 - 06:00 |       | DRL  | 1           | DRILL, 8136'-8223', ( 17.4 FPH ) WOB 12/16, 45+70=115 RPM, 510 GPM, 2500               |
|             | 01.00 - 00.00 | 0.00  | J    | '           | PSI  |
| 11/1/2007   | 06:00 - 07:00 | 1 00  | RIG  | 2           | RIG REPAIR. ( PUMP VALVES )  |
| 11/1/2007   | 07:00 - 17:30 | 10.50 |      | 1           | DRILL, 8223'-8445', ( 21.1 FPH ) WOB 12/16, 50+70=120 RPM, 510 GPM, 2600               |
|             | 07.00 - 17.50 |       |      |             | PSI  |
|             | 17:30 - 18:00 |       | RIG  | 1           | SERVICE RIG AND TOP DRIVE  |
|             | 18:00 - 06:00 | 12.00 | DRL  | 1           | DRILL, 8445'-8680', ( 19.58 FPH ) WOB 12/16, 50+70=120 RPM, 510 GPM, 2500              |
|             |               |       |      | l.          | PSI  |
| 11/2/2007   | 06:00 - 17:00 | 11.00 |      | 1           | DRILL, 8680'-8900', (20 FPH) WOB 12/16, 55+69=124 RPM, 460 GPM, 2000 PSI               |
|             | 17:00 - 17:30 |       | RIG  | 1           | SERVICE RIG AND TOP DRIVE  |
|             | 17:30 - 18:00 |       | DRL  | 1           | DRILL, 8900'-8920', (40 FPH) WOB 12/16, 55+69 =124 RPM, 460 GPM,2050 PSI               |
|             | 18:00 - 18:30 |       | RIG  | 2           | RIG REPAIR, ( DEBRIS UNDER PUMP VALVE )  |
|             | 18:30 - 00:00 |       | DRL  | 1           | DRILL,8920'-9031', (14.7 FPH) WOB 12/16, 55+69=124RPM, 460 GPM,2050 PSI                |
|             | 00:00 - 01:00 | 1.00  | CIRC | 1           | CIRC. BOTTOMS UP, MIX SLUG   |
|             | 01:00 - 01:30 | 0.50  | SUR  | 1           | DROP SURVEY, PUMP SLUG, FLOW CHECK   |
|             | 01:30 - 06:00 | 4.50  | TRP  | 10          | TRIP OUT OF HOLE, SLM, CURRENTLY @ 1000'   |
| 11/3/2007   | 06:00 - 07:00 | 1.00  | TRP  | 10          | T.O.H., SLM, ( NO CORRECTION ), CHANGE BIT AND MUD MOTOR, FUNCTION PIPE AND BLIND RAMS |
|             | 07:00 - 10:30 | 3.50  | TRP  | 10          | TRIP IN HOLE, FILL @ BHA, 4500', 7800'   |
|             | 10:30 - 11:00 |       | REAM | 1           | SAFETY WASH 90' TO BOTTOM, 30' FILL  |
|             | 11:00 - 17:30 |       | DRL  | 1           | DRILL, 9031'-9231', ( 30.7 FPH ) WOB 8/10, 45+69=114 RPM, 460 GPM, 2000 PSI            |
|             | 17:30 - 18:00 |       | RIG  | 1           | SERVICE RIG AND TOP DRIVE  |
|             | 18:00 - 01:00 |       | DRL  | 1           | DRILL, 9231'-9361', ( 18.5 FPH ) RAISING MUD WT TO 9.5 PPG                             |
|             | 01:00 - 06:00 |       | CIRC | 2           | LOST CIRC @ 9361', (85 BBL), PUMP 75 BBL LCM PILL-REGAINED PARTIAL                     |
|             | 01.00 - 00.00 | 5.00  | CINC | _           | RETURNS, STEP UP PUMP SPEED SLOWLY TO 430 GPM, FULL RETURNS,                           |
|             |               |       |      |             |  |
|             |               |       |      |             | BUILD VOLUME   |
|             |               |       |      | ١.          | (LOST 200 BBL TOTAL ) BG GAS @ 1300 UNITS  |
| 11/4/2007   | 06:00 - 08:30 | 2.50  | DRL  | 1           | DRILL, 9361'-9436' ( 30 FPH ) WOB 8/12, 50+63=113 RPM, 420 GPM, 2050 PSI NO MUD LOSS   |
|             | 08:30 - 09:00 | 0.50  | RIG  | 1           | SERVICE RIG, CHANGE OIL IN TOP DRIVE   |
|             |               |       |      | 1           | DRILL, 9436'-9665', (11.7 FPH) PUMP 20 BBL LCM SWEEPS EVERY HR, BIT                    |
|             | 09:00 - 06:00 | 21.00 | DRL  | '           | BALLING- PUMPING SWEEPS, DUMPING SAPP IN D.P., TRYING DIFFERENT                        |
|             |               |       |      |             | PARAMETERS ON BIT (TIME CHANGE 1 HR)   |
| 11/5/2007   | 06:00 - 12:00 | 6.00  | DRL  | 1           | DRILL, 9665'-9716', ( 8.5 FPH ) WOB 9/12, 65+65=130 RPM, 432 GPM, 1900 PSI,            |
| 11/5/2007   | 00.00 - 12.00 | 0.00  | D    | '           | LOST 90 BBL @ 9700', PUMPING LCM SWEEPS, LOSSES SLOWED TO 24 BPH                       |
|             | 12:00 - 12:30 | 0.50  | RIG  | 1           | SERVICE RIG AND TOP DRIVE, REPAIR BREAKER IN TRANSFORMER                               |
|             | 12:30 - 06:00 | 17.50 |      | li i        | DRILL, 9716'-9900', (10.5 FPH) WOB 9/12, 63+62=125 RPM, 430 GPM, 1700 PSI,             |
|             | 12.30 - 00:00 | 17.50 | DICE | '           | MUD LOSS 24 BBL HR   |
| 11/6/2007   | 06:00 - 14:30 | 8.50  | DRL  | 1           | DRILL, 9900'-9996', ( 11.29 FPH ) WOB 10/12, 60+63=123 RPM, 1750 PSI, 420              |
| 11/0/2007   | 00.00 - 14.00 | 0.50  |      |             | GPM, MUD LOSS 15 BBL PER HR, PUMPING LCM AND BIT UNBALLING SWEEPS                      |
|             |               |       |      |             |  |
|             |               |       | 1    | 1           |  |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26- 8-S 22-E 26 Rig Name: UNIT

Spud Date: 10/20 Rig Release: Rig Number: 232 10/20/2007

| Date      | From - To     | Hours | Code  | Sub<br>Code | Description of Operations  |
|-----------|---------------|-------|-------|-------------|--|
| 11/6/2007 | 14:30 - 15:00 | 0.50  | RIG   | 1           | SERVICE RIG AND TOP DRIVE  |
| 111012001 | 15:00 - 17:00 |       | DRL   | 1           | DRILL, 9996'-10001', (2.5 FPH) WOB 12/20, 60+63=123 RPM, 1800 PSI, 420 GPM                                       |
|           | 17:00 - 18:00 | 1.00  | CIRC  | 1           | CIRC. BOTTOMS UP, BUILD TRIP SLUG  |
|           | 18:00 - 18:30 | 0.50  | ОТН   |             | DROP SUVREY, FLOW CHECK  |
|           | 18:30 - 20:30 | 2.00  | CIRC  | 1           | KELLY UP, CIRC, 25' FLARE  |
|           | 20:30 - 23:30 |       | DRL   | 1           | DRILL,10001'-10005', CONDITION MUD-RAISING MUD WT F/9.7# TO 9.9#, 25' FLARE FOR 2 MINUTES                        |
|           | 23:30 - 02:30 | 3.00  | CIRC  | 2           | LOST RETURNS, PICKUP OFF BOTTOM, REDUCE PUMP RATE, PUMP LCM  |
|           | 02:30 - 03:00 | 0.50  | TRP   | 2           | PULL 2 STANDS D.P.   |
|           | 03:00 - 03:30 |       | CIRC  | 2           | SPOT 75 BBL( 20% ) LCM PILL  |
|           | 03:30 - 04:00 |       | TRP   | 2           | PULL 8 STANDS  |
|           | 04:00 - 06:00 |       | CIRC  | 1           | CIRC, BUILD HEAVY PILL (30 # PER BBL LCM ), FLOW CHECK (LOST 400   |
| 11/7/2007 | 06:00 - 08:00 |       | CIRC  | 2           | BBL MUD TOTAL ), LOST RETURNS-MIX LOM PILL<br>LOST RETURNS, (115 BBL ) MUD WENT BELOW A-SECTION, MIXING (40 #    |
| 11///2007 | 00.00 - 00.00 | 2.00  | Oiito | -           | PER BBL ) LCM PILL@ 9000', BUILDING VOLUME   |
|           | 08:00 - 08:30 | 0.50  | CIRC  | 2           | PUMP AND DISPLACE LCM PILL, NO RETURNS- PUMPED 166 BBLS BEFORE<br>ANY PRESSURE INCREASE 245 BBL TOTAL            |
| 08:30     | 08:30 - 15:00 | 6.50  | CIRC  | 2           | MIXING & PUMP 3 LCM PILLS, 120 BBL,EACH, (40 # PER BBL, 9.8 PPG ) NO RETURNS                                     |
| ł         | 15:00 - 16:00 | 4.00  | CIRC  | 2           | BUILD NEW SWELL/ NEW SEAL PILL ( 40 BBL )  |
|           |               |       | TRP   | 2           | TRIP IN TO 9260'   |
|           | 16:00 - 16:30 |       |       |             |  |
|           | 16:30 - 17:30 |       | CIRC  | 2           | PUMP NEW SWELL, GOT RETURNS WHILE PUMPING  |
|           | 17:30 - 18:00 |       | TRP   | 2           | PULL 10 STDS D.P. TO 8321'   |
|           | 18:00 - 18:30 |       | ОТН   |             | WAIT ON PILL TO SET  |
|           | 18:30 - 21:30 |       | CIRC  | 1           | BREAK CIRC. @ 50 SPM, CIRC. OUT GAS, BUILD TRIP SLUG ( HOLE BALLOONING )   |
|           | 21:30 - 22:30 |       | ОТН   | ł           | FLOW CHECK, SPOT HEAVY PILL  |
|           | 22:30 - 06:00 |       | TRP   | 2           | TRIP OUT,  |
| 11/8/2007 | 06:00 - 07:00 |       | TRP   | 10          | POOH   |
|           | 07:00 - 09:00 |       | TRP   | 1           | L/D BIT & MOTOR; P/U MEW MOTOR   |
|           | 09:00 - 09:30 |       | TRP   | 1           | M/U BIT & TEST MOTOR   |
|           | 09:30 - 11:00 | 1.50  | TRP   | 10          | RUN IN HOLE  |
|           | 11:00 - 12:00 | 1.00  | TRP   | 10          | FILL PD @ TOP OF BHA, PIPE PLUGED, NO CERCULATION  |
|           | 12:00 - 13:00 | 1.00  | TRP   | 2           | POOH   |
|           | 13:00 - 15:00 |       | TRP   | 2           | UNPLUG STRING; STRING WAS PLUHED @ THE TOTCO RING BELOW THE MONEL, IT WAS PLUGED WITH PIPE DOPE AND CEADER FIBER |
|           | 15:00 - 16:00 | 1.00  | TRP   | 2           | PULL WEAR BUSHING WASH OUT WELL HEAD & REINSTALL WEAR BUSHING  |
|           | 16:00 - 23:30 |       | TRP   | 2           | RUN IN HOLE SLOWLY SO AS NOT BLOW OUT THE HOLE   |
|           | 23:30 - 00:30 |       | REAM  | 1           | WASH THROUGH POLLY PLUS LCM PILL FROM 9155 TO 9436 @ 50 STK AND 30 RPM, 2' TO 60' FLAIR                          |
| 1         | 00:30 - 01:30 | 1.00  | TRP   | 2           | TRIP IN HOLE TO 9778   |
|           | 01:30 - 03:30 |       | REAM  | 1           | WASH & REAM FROM 9778 TO 9987, LOST 170 BBL MUD OVER 1 HR, PULLED BACK TO 9950                                   |
|           | 03:30 - 04:30 | 1.00  | CIRC  | 6           | BUILD LCM PILL AND SPOT @ 9987 15 % LCM  |
|           | 04:30 - 06:00 |       | CIRC  | 1           | PULL BACK TO 9950 & BUILD LCM PILL, AND CERCULATE AT 50 STK  |
| 11/9/2007 | 06:00 - 06:30 |       | CIRC  | 2           | CIRC @50 STK AND BUILD LCM PILL @ 9895   |
| 11/9/2007 | 06:30 - 08:30 |       | REAM  | 1           | WASH & REAM F/ 9885 T/ 10005   |
|           | 08:30 - 15:00 |       | DRL   | i           | DRLG F/ 10005 T/ 10089, 85 STK, 5/15 WOB , TOTAL RPM 100, MW 9.8, VIS 40,  |
|           | 45.00 45.55   |       | DIO   |             | LCM 15%  |
|           | 15:00 - 15:30 |       | RIG   | 1           | RIG SERVICE  |
|           | 15:30 - 22:00 | 6.50  | DRL   | 1           | DRLG F/ 10089 T/ 10151, MW 9.7 VIS 40 LCM 15%  |
|           |               |       |       |             |  |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26- 8-S 22-E 26 Rig Name: UNIT

10/20/2007

Spud Date: 10/2 Rig Release: Rig Number: 232

| Date         | From - To     | Hours | Code | Sub<br>Code | Description of Operations   |
|--------------|---------------|-------|------|-------------|---|
| 11/9/2007    | 22:00 - 23:00 | 1.00  | CIRC | 1           | FLOW CHECK, FLOWING 26 BBL HR,CICR BOTTOMS UP FOR GAS, BUILD HEAVY MUD PILL,  |
|              | 23:00 - 01:00 | 2.00  | CIRC | 1           | CIRC BOTTOMS UP   |
|              | 01:00 - 02:00 |       | TRP  | 2           | PULL WET F/ 10089 T/ 8690   |
|              | 02:00 - 02:30 |       | CIRC | 1           | CIRC CHECK FOR GAS  |
|              | 02:30 - 03:00 |       | CIRC | i           | SPOT 40 BBL 11# KILL PILL @ 8690  |
|              | 03:00 - 04:00 |       | TRP  | 2           | PULL 5 STD WET & FLOW CHECK, OK   |
|              |               |       | CIRC | 1           | PUMP PILL & POOH  |
|              | 04:00 - 06:00 |       | TRP  | 10          | POOH  |
| 11/10/2007   | 06:00 - 10:00 |       |      | 1           | CHECK MOTOR C/O BIT, CLEAN FLOOR, M/U BIT, SURFACE TEST MOTOR,  |
|              | 10:00 - 11:30 |       | TRP  | 1<br>10     |   |
|              | 11:30 - 13:00 |       | TRP  | 1           | RUN IN HOLE WITH BHA  |
|              | 13:00 - 14:30 |       | RIG  | 6           | CUT DRILLING LINE   |
|              | 14:30 - 15:00 |       | RIG  | 1           | RIG SERVICE   |
|              | 15:00 - 21:30 |       | TRP  | 10          | RUN IN HOLE   |
|              | 21:30 - 00:00 |       | CIRC | 1           | CIRC BOTTOMS UP   |
|              | 00:00 - 02:00 |       | REAM | 1           | WASH & REAM F/ 9715 T/ 10151  |
|              | 02:00 - 06:00 |       | DRL  | 1           | DRLG F/ 10151 T/10183   |
| 11/11/2007 0 | 06:00 - 10:00 | 4.00  | DRL  | 1           | DRLG F/ 10183 T/ 10190; WOB 5/15, RPM 107, MW 9.7, VIS 42, 14% LCM LOSSES 8 BBL HR, BOTTOM OF MESAVERDE VERY VERY HARD, DRILLED 1' INTO THE TOP OF THE SEGO-BLOCKY HARD HARDI!!                       |
|              | 10:00 - 11:00 | 1.00  | CIRC | 1           | CIRC BOTTOMS UP; PUMP 11# KILL PILL; 10190' IS 1FOOT INTO THE SEGO-BLOCKY FORMATION   |
|              | 11:00 - 18:00 | 7.00  | TRP  | 10          | POOH FOR BIT # 6  |
|              | 18:00 - 19:30 | 1.50  | TRP  | 1           | L/D BIT & MOTOR, P/U HIGH SPEED MOTOR, SURFACE TEST MOTOR & MAKE<br>UP BIT  |
| 02:00 - 0    | 19:30 - 02:00 | 6.50  | TRP  | 10          | RUN IN HOLE   |
|              | 02:00 - 05:00 | 3.00  | REAM | 1           | WASH & REAM F/10087 T/ 10190  |
|              | 05:00 - 06:00 |       | DRL  | 1           | DRLG F/ 10190 T/ 10193  |
| 11/12/2007   | 06:00 - 03:30 | 21.50 |      | 1           | DRLG F/ 10193 T/ 10274; WOB 5/9, TOTAL RPM 505, RUNNING IMPREG, NO LOSSES, 15 % LCM,  |
|              | 03:30 - 04:00 | 0.50  | RIG  | 1           | RIG SERVICE   |
|              | 04:00 - 06:00 |       | DRL  | 1           | DRLG F/ 10274 T/ 10283 WOB 5/9, MOTOR SPEED 440 ROP, TOP DRIVE 65   |
| 11/13/2007   | 06:00 - 00:30 | 18.50 |      | 1           | RPM, TOTAL RPM 505, SNITH INPREG BIT, 15 % LCM NO LOSSES DRLG F/ 10283 T/ 10354; WOB 8/10, TOTAL RPM 517, IMPREG BIT, AVEG 3.2'   |
|              |               |       |      |             | HR, LOSSES OVER LAST 24 HR 230 BBL, 15/18 % LCM   |
|              | 00:30 - 01:30 | 1.00  | TRP  | 2           | WORK TIGHT HOLE F/ 10354 T/ 10300   |
|              | 01:30 - 05:30 | 4,00  | DRL  | 1           | DRLG F/ 10354 T/ 10368 SAME AS ABOVE  |
|              | 05:30 - 06:00 |       | RIG  | 1           | RIG SERVICE   |
| 11/14/2007   | 06:00 - 14:30 |       | DRL  | 1           | DRLG F/10368 T/ 10426 WOB 20, 100 STK= 377 BIT RPM + TOP DRIVE RPM 60 = 437 TOTAL RPM; MW 9.7, VIS 44, LCM 15/18 % WERE HAVING SOME PROBLEMS GETTING THE WT TRANSFERED TO THE BIT; IMPREG BIT IN HOLE |
|              | 14:30 - 15:00 | 0.50  | REAM | 1           | WORK TIGHT HOLE; WERE BACK REAMING THE HOLE AND THIS IS HELPING GET THE WT TO THE BIT. NEED TO WATCH OUT FOR PACKING OFF WHEN BACK REAMING  |
|              | 15:00 20:20   | E 50  | DRL  | 1           | DRLG F/10426 T/ 10461 ALL IS THE SAME AS ABOVE  |
|              | 15:00 - 20:30 |       |      | 1 -         |   |
|              | 20:30 - 21:00 |       | REAM | 1           | WORK TIGHT HOLE SAME AS ABOVE   |
|              | 21:00 - 06:00 |       | DRL  | 1           | DRLG F/ 10461 T/ 10520 SAME AS ABOVE  |
| 11/15/2007   | 06:00 - 12:30 | 6.50  | DRL  | 1           | DRLG F/ 10520 T/ 10554 WOB 20, DHRPM 392, TDRPM 60, TOTAL RPM 452, MW 9.7, VIS 44. LCM 15/18%; BACK REAMING EVERY STAND IS HELPING WT TRANSFER TO BIT.  |
|              | 12:30 - 13:00 | 0.50  | RIG  | 1           | RIG SERVICE   |
|              | 13:00 - 05:30 | 16.50 |      | 1           | DRLG F/ 10554 T/10648 SAME AS ABOVE; LOST 81 BBL LAST 24 HR   |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26- 8-S 22-E 26 Rig Name: UNIT

Spud Date: Rig Release:

10/20/2007

| _   |         |     |
|-----|---------|-----|
| Rig | Number: | 232 |

| Date       | From - To     | Hours | Code | Sub<br>Code | Description of Operations  |
|------------|---------------|-------|------|-------------|--|
| 11/15/2007 | 05:30 - 06:00 |       | RIG  | 4           | CHANGE ROTATING HEAD RUBBER  |
| 1/16/2007  | 06:00 - 14:00 | 8.00  | DRL  | 1           | DRLG F/ 10648 T/ 10700   |
|            | 14:00 - 14:30 | 0.50  | RIG  | 1           | RIG SERVICE  |
|            | 14:30 - 16:00 | 1.50  | CIRC | 1           | CIRC AND COND MUD, PUMP HIGH VIS SWEEP   |
|            | 16:00 - 17:30 |       | CIRC | 1           | FLOW CHECK SPOT 40 BBL 11# KILL PILL ON BOTTOM   |
|            | 17:30 - 20:00 |       | TRP  | 14          | SHORT TRIP F/ 10700 T/ 80000   |
|            | 20:00 - 20:30 |       | REAM | 1           | WASH 90' TO BOTTOM, NO FILL  |
|            | 20:30 - 23:00 |       | CIRC | 1           | PUMP HIGH VIS SWEEP & CIRC, 10' FLARE ON BOTTOMS UP  |
|            | 23:00 - 23:30 |       | TRP  | 2           | FLOW CHECK   |
|            | 23:30 - 00:30 |       | CIRC | 1           | SPOT 40 BBL 11# KILL PILL ON BOTTOM  |
|            | 00:30 - 06:00 |       | TRP  | 2           | POOH, SLM  |
| 1/17/2007  | 06:00 - 07:30 |       | TRP  | 2           | POOH, SLM; SLM DEPTH 10688   |
| 11/1//2007 |               |       | TRP  | 2           | L/D STAB, MOTOR, BIT   |
|            | 07:30 - 08:00 |       |      | 4           | PULL WEAR BUSHING  |
|            | 08:00 - 08:30 |       | DEQ  |             |  |
|            | 08:30 - 09:30 |       | LOG  | 1           | HOLE SAFETY MTG, RIG UP LOGERS   |
|            | 09:30 - 14:00 |       | LOG  | 1           | RUN TRIPLE COMBO LOG WITH HALLIBURTON  |
|            | 14:00 - 15:00 |       | LOG  | 1           | RIG DOWN LOGERS  |
|            | 15:00 - 20:30 |       | TRP  | 2           | M/U BIT SUB & RUN IN HOLE WITH NEW MILL TOOTH BIT  |
|            | 20:30 - 21:00 |       | REAM | 1           | WASH & REAM F/ 10588 T/ 10688 20' FILL   |
|            | 21:00 - 00:00 | 3.00  | CIRC | 1           | CIRC BOTTOMS UP & WASH BOTTOM, MAX GAS 1490 UT, MAX FLARE 35', 10  |
|            |               |       |      |             | BBL PIT GANE, hOLD SAFTY MTG & RIG UP L/D CREW   |
|            | 00:00 - 01:00 |       | CIRC | 1           | SPOT 40 BBL 11# KILL PILL ON BOTTOM & PUMP DRY UP SLUG   |
|            | 01:00 - 06:00 | 5.00  | TRP  | 3           | L/D 4 1/2" PD  |
| 1/18/2007  | 06:00 - 09:30 | 3.50  | TRP  | 3           | L/D DP   |
|            | 09:30 - 10:30 | 1.00  | CSG  | 1           | L/D BALES & TURN AROUND LAY DOWN EQUIPMENT   |
|            | 10:30 - 01:30 | 15.00 | CSG  | 2           | HOLD SAFETY MTG & RUN CSG  |
|            | 01:30 - 03:30 | 2.00  | CIRC | 1           | CIRC BOTTOMS UP  |
|            | 03:30 - 04:30 |       | CSG  | 1           | R/D FILL TOOL & R/U CIRC SWEDGE  |
|            | 04:30 - 05:00 |       | CIRC | 1           | WASH DOWN & LAND HANGER IN WELL HEAD SHOE @ 10679  |
|            | 05:00 - 06:00 |       | CSG  | 2           | BACK OUT LANDING JT. & L/D SAME  |
| 11/19/2007 | 06:00 - 08:00 |       | CSG  | 2           | INSTALL CSG RETAINER W/ CANERON PACK OFF & TEST  |
| 11/19/2007 | 08:00 - 14:30 |       | CMT  | 2           | HOLD SAFETY MTG AND CEMENT 7" INTERMEDIATE CSG   |
|            | 14:30 - 18:00 |       | BOP  | 1           | C/O PIPE RAMS, C/O BAILS & ELEVAROTS, HOLE SAFETY MTG WITH B&C   |
|            | 14:30 - 16:00 | 3.50  | DOP  | '           | QUICK TEST   |
|            | 40.00 00.00   | 0.50  | вор  | 2           | TEST BOP, LOW 500 PSI, 15 MIN, HIGH 10,000 PSI 15 MIN; TESTED LOWER  |
|            | 18:00 - 00:30 | 6.50  | ВОР  | 2           | VBR RAMS, BLIND RAMS, UPPER PIPE RAMS, CHOKE MANAFOLD, HCR &   |
|            |               |       |      |             |  |
|            | 1             |       |      | ١.          | KILL VALVES, & TOP DRIVE; TEST CSAAING TO 3500 PSI FOR 30 MIN  |
|            | 00:30 - 02:30 |       | BOP  | 1           | C/O 11" 5,000PSI ANNULAR WITH A 7 1/16" 10,000 PSI ANNULAR   |
|            | 02:30 - 04:30 |       | BOP  | 2           | TORQUE AND TRST ANNULAR, LOW 250 PSI HIGH 3500 PSI   |
|            | 04:30 - 05:00 |       | BOP  | 1           | RIG DOWN B&C QUICK TEST  |
|            | 05:00 - 06:00 | 1.00  |      |             | P/U NEW 7 1/16" ROTATING HEAD & MAKE UP  |
| 11/20/2007 | 06:00 - 10:30 |       | BOP  | 1           | R/U ROTATING HEAD, CLEAN MUD TANKS   |
|            | 10:30 - 15:00 | 4.50  | TRP  | 1           | HOLD SAFETY MTG & P/U BHA & 4" DP  |
|            | 15:00 - 16:00 | 1.00  | RIG  | 6           | CUT DRLG LINE  |
|            | 16:00 - 16:30 | 0.50  | RIG  | 1           | RIG SERVICE, INSTALL NEW SECTION FLOW LINE   |
|            | 16:30 - 21:30 |       | TRP  | 1           | P/U 4" DP  |
|            | 21:30 - 22:30 |       | ОТН  |             | FILL PIPE ,@ 3700' PIPE PLUGED, CHECK SURFACE EQUIPMENT  |
|            | 22:30 - 00:00 |       | TRP  | 2           | POOH WET, MUD MOTOR & MONER PLUGED WITH LCM  |
|            | 00:00 - 01:30 |       | отн  | ľ           | L/D MOTOR &CLEAN OUT MONEL, PICK UP NEW MOTOR & TEST   |
|            | 01:30 - 03:00 |       | TRP  | 1           | TRIP IN HOLE   |
|            | 03:00 - 06:00 |       | TRP  | i           | P/U 4" PD  |
| 11/21/2007 | 06:00 - 11:30 |       | TRP  | 2           | P/U 4" DP, TO 10578"   |
| 11/21/2007 | 11:30 - 13:30 |       | DRL  | 1           | TAG CEMENT @ 10578 DRLG CEMENT STRINGERS, FLOAT COLLAR @ 10582   |
|            | 11.30 - 13.30 | 2.00  | DAL  |             | THE SEMESTING TO SEE SEMESTING STREET, STREET, SECTION OF THE SECT |
|            |               |       |      |             |  |
|            |               | 1     | L    |             | Printed: 12/3/2007 11:02:55 AM   |

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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26- 8-S 22-E 26 Rig Name: UNIT

10/20/2007

Spud Date: 10/2 Rig Release: Rig Number: 232

| Date       | From - To     | Hours | Code  | Sub<br>Code | Description of Operations   |
|------------|---------------|-------|-------|-------------|---|
| 11/21/2007 | 11:30 - 13:30 | 2.00  | DRL   | 1           | SHOE @ 10679' DRLG 10 NEW HOLE  |
|            | 13:30 - 16:00 | 2.50  | CIRC  | 1           | CIRC & COND MUD , CIRC OUT N2 & COND MUD FOR FIT TEST                 |
|            | 16:00 - 16:30 | 0.50  | DRL   | 1           | FIT TEST, 15 PPG EMW, WITH 3000 PSI @ 9.7 MW TEST GOOD                |
|            | 16:30 - 06:00 | 13.50 |       | 1           | DRLG F/10703 T/11072 WOB 8, DHRPM 36 TDRPM 50, TRPM 86, MW 9.7        |
|            |               |       |       |             | DRLG WITH A 5' FT FLARE, ROP 40, LCM 5%, MOTOR IN HOLE IS .17         |
|            | 1             |       |       |             | REV/GAS   |
| 11/22/2007 | 06:00 - 09:30 | 3.50  | DRL   | 1           | DRLG F/ 11072 T/ 11226 WOB 8, 70 STL, DHRPM 36, TDRPM 50, TRPM 86, 3% |
| 11/22/2007 | 00.00 - 00.00 | 0.00  | J. 1. | 1           | LCM, PP1345 MW 9.7  |
|            | 09:30 - 12:30 | 3.00  | WCL   | 1           | SHUT IN WELL & CIRC OUT GAS, SICP 500, GAIN 48 BBL, MAX GAS 7472, 55' |
|            | 03.50 - 12.50 | 0.00  | 1102  | Ι'          | FLARE   |
|            | 12:30 - 13:00 | 0.50  | DRL   | 1           | DRLG F/ 11226 T/ 11248 MW IN 9.9, OUT9.7, ALL OTHERS AS ABOVE SAME    |
|            | 13:00 - 16:30 |       | WCL   | li          | SHUT IN WELL & CIRC OUT GAS, SICP 600, GAIN 90 BBL, MAX GAS 7355, 60' |
|            | 10.00 - 10.00 | 0.00  | 1102  | Ι'          | FLARE   |
|            | 16:30 - 06:00 | 13.50 | DBI   | 1           | DRLG F/11248 T/ 11694 MW 10.1 IN, OUT 9.9, PP 1400,ALL OTHERS SAME    |
|            | 10.30 - 00.00 | 15.50 | DIL   | '           | AS ABOVE  |
| 11/23/2007 | 06:00 - 11:00 | 5.00  | DRL   | 1           | DRLG F/ 11694 T/ 11838  |
| 11/23/2007 | 11:00 - 11:30 |       | RIG   | 1           | RIG SERVICE   |
|            | 11:30 - 06:00 | 18.50 |       | i           | DRLG F/ 11838 T/ 12287, WOB 6/10, DHRPM 36, TDRPM 50, DIFF PRESS      |
|            | 11.30 - 00.00 | 10.50 | DKL   | 1'          | 150/350, PP 1700 PSI, MW 10.7 TO 11.0, 30' NO DRLG FLARE, NO CONN     |
|            |               |       |       |             | FLARE, LAST 24 HR MUD LOSS 28 BBL, LCM 3%                             |
| 4410410007 | 00.00 00.00   |       | DD.   | 1           | DRLG F/ 12287 T/ 12323 MW 11 PPG, WOB 10, DHRPM 26 TDRPM 50, LCM 3 %  |
| 11/24/2007 | 06:00 - 08:00 | 2.00  | DRL   | 11          |   |
|            |               |       |       | ١.          | NO FLARE'S, NO MUD LOSS   |
|            | 08:00 - 08:30 |       | RIG   | 1           | RIG SERVICE   |
|            | 08:30 - 06:00 | 21.50 | DRL   | 1           | DRLG F/ 12323 T/ 12723 MW 11 3 PPG, ALL OTHER SAME                    |
|            | 06:00 -       |       |       | 1.          | BOILER 12 HR  |
|            | 06:00 - 06:30 |       | RIG   | 1           | RIG SERVICE   |
|            | 06:30 - 07:00 |       | RIG   | 4           | CHANGE ROTATING HEAD RUBBERS  |
|            | 07:00 - 11:00 |       | DRL   | 1           | DRLG F/ 12723 T/ 12728  |
|            | 11:00 - 12:00 |       | CIRC  | 7           | CIRC BOTTOMS UP & BUILD TRIP PILL                                     |
|            | 12:00 - 20:00 |       | TRP   | 12          | FLOW CHECK, DROP SURVEY, PUMP SLUG & POOH                             |
|            | 20:00 - 21:00 | 1.00  | TRP   | 10          | C/O BIT & MOTOR   |
|            | 21:00 - 06:00 | 9.00  | TRP   | 10          | RUN IN HOLE, SLM, PIPE TALLY 30 FT SHORT OF JOINT COUNT               |
|            | 06:00 -       |       | 1     |             |   |
| 11/26/2007 | 06:00 - 07:00 | 1.00  | REAM  | 1           | WASHED AND REAMED FROM 12679 TO 12728'.                               |
|            | 07:00 - 08:30 | 1.50  | CIRC  | 1           | CIRCULATED TRIP GAS THROUGH THE CHOKE W/ CASING PRESSURE MAX          |
|            |               |       |       |             | 455 PSI AND 4460 UNITS GAS.   |
|            | 08:30 - 10:30 | 2.00  | DRL   | 1           | DRILLED FROM 12728 TO 12766'.   |
|            | 10:30 - 11:00 |       | RIG   | 1           | SERVICED RIG AND TOP DRIVE.   |
|            | 11:00 - 06:00 | 19.00 |       | 1           | DRILLED FROM 12766 TO 13021'.   |
| 11/27/2007 | 06:00 - 06:30 |       | DRL   | 1           | DRILLED FROM 13021 TO 13026'.   |
|            | 06:30 - 07:00 |       | RIG   | 2           | CIRCULATED AND REPAIRED ELECTRICAL SYSTEM.                            |
|            | 07:00 - 10:00 |       | DRL   | 1           | DRILLED FROM 13026 TO 13089'.   |
|            | 10:00 - 10:30 |       | RIG   | 1           | SERVICED RIG AND TOP DRIVE.   |
|            | 10:30 - 20:30 |       | DRL   | 1           | DRILLED FROM 13089' TO 13223'.  |
|            | 20:30 - 23:30 |       | CIRC  | 1           | SHUT IN AND KILLED WELL THROUGH CHOKE. SHUT IN CASING PSI 125 PSI.    |
|            | 25.55 - 25.55 | 3.00  | "     | *           | RAISED MUD WEIGHT FROM 11.9 TO 12.2#/ GAL.                            |
|            | 23:30 - 06:00 | 6.50  | DRL   | 1           | DRILLED FROM 13223 TO 13332'.   |
| 11/28/2007 | 06:00 - 17:30 | 11.50 |       | 1           | DRILLED FROM 13332 TO 13332 .   |
| 11/20/2007 | 17:30 - 18:00 |       | RIG   | 1           | SERVICED RIG AND TOP DRIVE.   |
|            | 18:00 - 06:00 |       | DRL   | 1           | DRILLED FROM 13510 TO 13650'.   |
| 44/00/0007 |               |       | DRL   | 1           | DRILL FROM 13650 TO 13713'.   |
| 11/29/2007 | 06:00 - 09:30 |       | RIG   | 1           | SERVICE RIG AND TOP DRIVE.  |
|            | 09:30 - 10:00 |       |       | 1 -         | DRILLED FROM 13713 TO 13832'.   |
|            | 10:00 - 20:30 | 10.50 | DKL   | 1           | DRILLED FROM 13/13 TO 13032.  |
|            |               |       | 1     |             |   |
|            |               |       |       |             |   |
|            |               |       |       | <u> </u>    |   |
|            |               |       |       |             | Printed: 12/3/2007 11:02:55 AM  |

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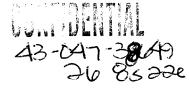
#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22 Location: 26- 8-S 22-E 26 Rig Name: UNIT

10/20/2007

Spud Date: 10/2 Rig Release: Rig Number: 232

| Date       | From - To     | Hours | Code | Sub<br>Code | Description of Operations                                |
|------------|---------------|-------|------|-------------|--|
| 11/29/2007 | 20:30 - 22:00 | 1.50  | CIRC | 1           | CIRCULATED AND BUILT PILL.                               |
|            | 22:00 - 03:30 |       | TRP  | 13          | TRIPPED OUT FOR MUD MOTOR FAILURE.                       |
|            | 03:30 - 04:30 |       | TRP  | 1           | LAYED DOWN MOTOR AND BIT, UP NEW MOTOR AND BIT.          |
|            | 04:30 - 06:00 |       | TRP  | 2           | TRIPPED IN THE HOLE WITH NEW MOTOR AND BIT.              |
| 1/30/2007  | 06:00 - 10:00 |       | TRP  | 12          | TRIPPED IN THE HOLE FILLED @ 5000' AND SHOE.             |
|            | 10:00 - 10:30 |       | REAM | 1           | WASHED FROM13742 TO 13832'.                              |
|            | 10:30 - 17:30 |       | DRL  | 1           | DRILLED FROM 13832 TO 13900'.                            |
|            | 17:30 - 18:00 |       | RIG  | 1           | SERVICED RIG AND TOP DRIVE.                              |
|            | 18:00 - 06:00 | 12.00 |      | 1           | DRILLED FROM 13900 TO 14005'.                            |
| 12/1/2007  | 06:00 - 10:30 |       | DRL  | 1           | DRILLED FROM 14005 TO 14070'.                            |
|            | 10:30 - 11:00 |       | RIG  | 1           | SERVICED RIG AND TOP DRIVE.                              |
|            | 11:00 - 06:00 | 19.00 |      | 1           | DRILLED FROM 14070 TO 14235'.                            |
| 12/2/2007  | 06:00 - 17:30 | 11.50 |      | 1           | DRILLED FROM 14235 TO 14360'.                            |
| LILIZOU.   | 17:30 - 18:00 |       | RIG  | 1           | SERVICED RIG AND TOP DRIVE.                              |
|            | 18:00 - 06:00 | 12.00 |      | 1           | DRILLED FROM 14360 TO 14495'.                            |
| 12/3/2007  | 06:00 - 12:30 |       | DRL  | 1           | DRILLED FROM 14495 TO 14550'.                            |
|            | 12:30 - 15:00 |       | LOC  | 7           | CIRCULATED AND CLEANED SUCTION AND PILL TANKS W/ BADGER. |
|            | 15:00 - 17:30 |       | DRL  | i           | DRILLED FROM 14550 TO 14575'.                            |
|            | 17:30 - 18:00 |       | RIG  | 1           | SERVICED RIG AND TOP DRIVE.                              |
|            | 18:00 - 06:00 | 12.00 |      | 1           | DRILLED FROM 14575 TO 14690'.                            |
|            |               |       |      |             |  |
|            |               |       |      |             |  |



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#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

Spud Date:

10/20/2007

Rig Release: 12/13/2007 Rig Number: 232

| 10/5/2007 06<br>10/8/2007 06<br>18<br>10/9/2007 06 | 6:00 - 14:00<br>6:00 -<br>6:00 - 18:00<br>6:00 - 18:00<br>6:00 - 18:00<br>6:00 - 18:00 | 12.00<br>12.00<br>12.00 |     | Code<br>2<br>4 | DRLG 80' OF CONDUCTOR HOLE AND CEMENT WITH 5 YARDS READY MIX  CLEAN PITS, RIG DOWN SWIVEL, TOP DRIVE AND TRACK, RIG DOWN SOLIDS CONTROL, LOAD OUT SLIM STRING RIG RELEASED @18:00 HR RIG DOWN FLOOR, PLATES, SPREADERS, SHED, BRIDLE UP, CHANGE |
|--|--|-------------------------|-----|----------------|---|
| 10/8/2007 06<br>18<br>10/9/2007 06                 | 3:00 - 18:00<br>3:00 - 06:00<br>5:00 - 18:00<br>3:00 - 06:00                           | 12.00<br>12.00          |     |                | SOLIDS CONTROL, LOAD OUT SLIM STRING<br>RIG RELEASED @18:00 HR  |
| 18<br>10/9/2007 06                                 | 3:00 - 06:00<br>5:00 - 18:00<br>3:00 - 06:00   | 12.00<br>12.00          |     |                | SOLIDS CONTROL, LOAD OUT SLIM STRING<br>RIG RELEASED @18:00 HR  |
| 10/9/2007 06                                       | 3:00 - 18:00<br>3:00 - 06:00   | 12.00                   | LOC | 1              |   |
| 18   | 3:00 - 06:00   |                         | LOC | 4              | RAMS, BREAK DOWN PUMPS,CLEAN ON SUB   |
|  |  | 12 00                   |     | **             | SET OUT FRONT YARD, L.D. DERRICK @ 10:00, KNOCK LINES LOOSE, PULL WIRES, KILL RIG POWER-HOOK UP AUX, GEN, ROLL UP HOSES, CLEAN OUT  |
|  |  | 12 00                   |     |                | OBM TANK FARM, CLEAN ON RIG   |
|  | 3:00 - 18:00   |                         | ОТН |                | RIG IDLE OVERNIGHT ( 25 % RIG DOWN ) TRUCKS AND CRANES THIS A.M.  |
| 10/10/2007   06                                    |  | 12.00                   | LOC | 4              | RIG DOWN, TANK FARM, UNSTRING DERRICK,SET OUT TANK FARM, BAR HOPPERS, MIXING HOUSE, PUMPS, LOAD OUT MOTOR PACKAGE & MATS,   |
| 19   | 3:00 - 06:00   | 12.00                   | LOC | 4              | SCR, FUEL TANK, SOLIDS CONTROL, RIG IDLE OVERNIGHT 40% RIG DOWN, 7 LOADS MOVE ALL CAMPS THIS  |
| 10   | 5.00 - 00.00   | 12.00                   | 100 | 7              | A.M.  |
| 10/11/2007 06                                      | 5:00 - 18:00   | 12.00                   | LOC | 4              | R/D DERRICK AND INSPECT, LOAD OUT TRUCKS  |
| 18   | 3:00 - 06:00   | 12.00                   |     | 4              | RIG IDLE OVER NIGHT, 50 % RIG DOWN & 20 % MOVED   |
|  | 6:00 - 18:00   | 12.00                   |     | 4              | INSPECT DERRICK, LOAD OUT TRUCKS & RIG DOWN   |
|  | 3:00 - 06:00   | 12.00                   |     | 4              | RIG IDLE OVER NIGHT 70 % R/D; MOVED 25 %; RIG UP 15 %   |
|  | 5:00 - 18:00   | 12.00                   |     | 4              | RIG DOWN , LOAD OUT TRUCKS & RIG UP   |
| i  | 3:00 - 06:00   | 12.00                   |     | 4              | RIG IDLE OVER NIGHT; 85 % RIGED DOWN; MOVED 30 %; RIGED UP15 %  |
|  | 6:00 - 18:00   | 12.00                   |     | 4              | UNLOAD TRUCKS & RIG UP  |
|  | 3:00 - 06:00   | 12.00                   |     | 4              | RIG IDLE OVER NIGHT; RIGED DOWN 100%; MOVED 60% RIGED UP 30%  |
|  | 3:00 - 18:00   | 12.00                   |     | 4              | SET SUB, BUILD DERRICK, BUTTON UP MUD TANKS TO CHECK FOR LEAKS, SET DRAWWORKS ON FLOOR  |
|  | 3:00 - 06:00   | 12.00                   |     | 4              | RIG IDLE OVER NIGHT; 100% RIGED DOWN, 100% MOVED, 40% RIGED UP  |
|  | 3:00 - 18:00   | 12.00                   |     | 4              | DRESS DERRICK, SET IN WATER TANK & DOG HOUSE; BUILD FLOW LINE; WELD ON FLOOR IN MUD TANK; SET FROCED AIR HEATER;  |
| 18   | 3:00 - 06:00   | 12.00                   | LOC | 4              | RIG IDLE OVER NIGHT 55% RIGED UP, TRUCKS RELEASED @ 0900 HR,<br>CRAIN STILL RIGGING UP  |
| 10/17/2007 06                                      | 5:00 - 18:00   | 12.00                   | LOC | 4              | FINISH DRESSING DERRICK, STRINGING UP & RASED DERRICK; SET SHALE SHAKERS, WELD ON MUD TANKS, & CHECK FOR LEAK. SET ZECO MUD   |
|  |  |                         |     |                | CLEANERS  |
|  | 3:00 - 06:00   | 12.00                   |     | 4              | RIG IDLE OVER NIGHT; 65% RIGED UP   |
| 10/18/2007 06                                      | 3:00 - 18:00   | 12.00                   | LOC | 4              | SET IN FLOOR PLATES, P/U TOP DRIVE RAILS; WELD ON FLOW LINE & SHAKER MANAFOLD; R/U MUD CLEANERS, SET PREMIX TANK,SET BAR HOPPERS  |
| 18   | 3:00 - 06:00   | 12.00                   |     |                | RIG IDLE OVER NIGHT, 75% RIGED UP   |
|  | 6:00 - 18:00   | 12.00                   | LOC | 4              | P/U SWIVEL & TOP DEIVE AND LOAD TEST CONN. R/U MOTOR FOR TOP  |
|  |  |                         |     |                | DRIVE; WIRE IN PRE MIX TANK, R/U LINES TO FLAIR BOX; DUMP 6 YARDS CEMENT IN CELLER  |
| 18   | 3:00 - 06:00   | 12.00                   |     |                | RIG IDLE OVER NIGHT; 88% RIGED UP   |
| 10/20/2007 06                                      | 5:00 - 15:00   | 9.00                    | LOC | 4              | FINISH RIGGING UP TOP DRIVE, HANG WIND WALLS, DUMP 3 MORE YARDS CEMENT IN CELLER, R/U IGNITOR ON FLARE BOX; DO RIG INSPECTION   |
| l l  | 5:00 - 18:00   | 3.00                    |     |                | TORQUE UP BOP BOLTS   |
| 18   | 3:00 - 02:00   | 8.00                    |     |                | TEST BOP; TOP PIPE RAMS,BLIND RAMS, HCR, MANUAL VALVES, CHECK VALVE, CHOKE MANAFOLD, LOW 250#, HIGH 5000#; ANNULAR 250# LOW 3500# HIGH; TOP DRIVE, STAND PIPE AND MUD LINES BACK TO THE 4"  |
|  |  |                         |     |                | VALVES ON THE MUD PUMP 250# LOW & 3000# HIGH  |
| 02   | 2:00 - 04:00   | 2.00                    |     |                | P/U BHA AND STAND BACK IN DERRICK   |
|  | 4:00 - 06:00   | 2.00                    | 1   |                | INSTALL BOTTOM PIPE RAMS  |
| 10/21/2007 06                                      | 6:00 - 07:00   | 1.00                    | ВОР | 2              | INSTALL WEAR BUSHING RECEIVED   |
|  |  |                         |     |                | JAN 0 4 2008  |

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#### Questar E & P

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

Spud Date: 10/2

10/20/2007

Rig Release: 12/13/2007 Rig Number: 232

| 12:30 - 13:00  | Date       | From - To            | Hours | Code  | Sub<br>Code | Description of Operations  |
|--|------------|----------------------|-------|-------|-------------|--|
| 12:30 - 13:00   0.50   CIRC   1   (2):113: 10' OF RAT HOLE, DRILLED 7' OF NEW HOLE, F1/12' CIRC HOLE CLEAN AN DO FIT TEST MW 8.4 *125=10.5 EMW DRLG F1/130 T1/27' WOB 5/10, DHRPM 45, TPRPM 40, 300GP MW 8.4, VIS 28   1   DRLG F1/130 T1/27' WOB 5/10, DHRPM 45, TPRPM 40, 300GP MW 8.4, VIS 28   SURVEY, MISS RUN   1   DRLG F1/12' T17 /1554, SAME WOB 8 RPM AS ABOVE   23:00 - 10:00   0.50   DRL   1   DRLG F1/12' T17 /1554, SAME WOB 8 RPM AS ABOVE   1   DRLG F1/12' T17 /1554, SAME WOB 8 RPM AS ABOVE   1   DRLG F1/12' T17 /1554, SAME WOB 8 RPM AS ABOVE   1   DRLG F1/15' T17 /1554, SAME WOB 8 RPM AS ABOVE   1   DRLG F1/15' T17 /1554, SAME WOB 8 RPM AS ABOVE   1   DRLG F1/15' T17 /1554, SAME WOB 8 RPM AS ABOVE   1   DRLG F1/15' T17 /1554, SAME WOB 10/15, DHRPM 55 TDRPM 55, CIRC 1   CIRC HOLE CLEAN   DRLG F1/15' T17 /1554, SAME WOB 10/15, DHRPM 55 TDRPM 55, CIRC 1   CIRC HOLE CLEAN   DRLG F1/15' T17 /1554, SAME WOB 10/15, DHRPM 55 TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55 TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55 TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55 TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55 TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55 TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, DRL 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, TDRPM 55, CIRC 1   DRLG F1/15' T1554 WOB 10/15, DHRPM 55, DRL 1   DRLG F1/15' T1554 WOB 10/15, DRL 1   DRLG F1/15'   | 10/21/2007 | 07:00 - 10:30        | 3.50  | DRL   | 1           | P/U BHA  |
| 12:30 - 13:00  |            | 10:30 - 12:30        | 2.00  | DRL   | 1           | DRLG CEMENT; TAGED CEMENT @ 1027, FLOAT COLLER @1068', SHOE          |
| 13.00 - 16.00  |            |                      |       |       |             | @1113; 10' OF RAT HOLE, DRILLED 7' OF NEW HOLE, F/1123 T/1130 CIRC   |
| 16:00 - 17:00   1.00    |            | 12:30 - 13:00        | 0.50  | CIRC  | 1           | CIRC HOLE CLEAN AN DO FIT TEST MW 8.4+ 125=10.5 EMW                  |
| 16:00 - 17:00  |            | 13:00 - 16:00        | 3.00  | DRL   | 1           | DRLG F/1130 T/1271 WOB 5/10, DHRPM 45, TPRPM 40, 300GPM, PP 630 PSI  |
| 16.00 - 17:00  |            |                      |       |       |             | MW 8.4, VIS 28   |
| 17:00 - 23:00  |            | 16:00 - 17:00        | 1.00  | SUR   | 1           |  |
| 23:00 - 01:00  |            |                      |       |       | 1           |  |
| 01:00 - 01:30  |            |                      | 2.00  | RIG   | 8           |  |
| 01:30 - 02:00   0.50   CIRC   1  |            |                      | 0.50  | DRL   | 1           |  |
| 10/22/2007   06:00 - 08:30   0.50   TRP   2   RIG   2   RIG   2   RIG   3   TOP DRIVE MAIN FRAME HYDRALIC MOT WORKING   09:30 - 10:00   0.50   TRP   2   RIH (SURVEY MAIN FRAME HYDRALIC MOT WORKING   10:30 - 11:00   0.50   TRP   2   RIH (SURVEY MAIN FRAME HYDRALIC MOT WORKING   10:30 - 11:00   0.50   TRP   2   RIH (SURVEY MINE MAIN FRAME HYDRALIC MOT WORKING   11:00 - 11:30   0.50   TRP   2   RIH (SURVEY MINE MAIN FRAME HYDRALIC MOT WORKING   11:00 - 11:30   0.50   TRP   2   RIH (SURVEY MINE MAIN FRAME HYDRALIC MOT WORKING   11:00 - 12:00   0.50   TRP   2   RIH (SURVEY MINE MAIN FRAME HYDRALIC MOT WORKING   11:00 - 12:00   0.50   REAM   1   SAFTY WASH TO BOTTOM F* 1486 T/ 1586 DEPTH CORR   SAFTY WASH TO BOTTOM F* 1486 T/ 1586 T/ 15   |            | 01:30 - 02:00        | 0.50  | CIRC  | 1           | CIRC HOLE CLEAN  |
| 10/22/2007   |            | 02:00 - 03:00        | 1.00  | TRP   | 2           | POOH TO FIND OBSTRUCTION IN STRING AND REMOVE; FOUND A 13 5/8"       |
| 03:00 - 03:30  |            |                      |       |       |             | BOP BOLT & A 7/8" NUT WEGED IN THE TOP OF THE 5th JT OF WHDP 184" UF |
| 03:00 - 03:30  |            |                      |       |       |             | FROM THE MONEL SOPPING THE SURVEY TOOL FROM PASSING.                 |
| 10/22/2007   03:30 - 06:00   05:00   0 |            | 03:00 - 03:30        | 0.50  | TRP   | 2           |  |
| 10/22/2007   06:00 - 09:30   0.50   TRP   2   TRP   2   RIH (SURVEY @1161 .7 108.7 AZI   10:30 - 11:00   0.50   TRP   2   RIH (SURVEY @1161 .7 108.7 AZI   10:30 - 11:00   0.50   TRP   2   RIH (SURVEY @1161 .7 108.7 AZI   10:30 - 11:00   0.50   TRP   2   FINISH RIH FILL DP 100' OFF BOTTOM   11:00 - 11:30   0.50   TRP   2   FINISH RIH FILL DP 100' OFF BOTTOM   11:00 - 11:30   0.50   SUR   1   SURVEY @ 1498 ING7 AZI .110.8   12:00 - 06:00   18:00   RIG   2   TOP DRIVE MOTOR DOWN, POOH 6 STANDS INTO CSG @ 10   35 STK WHILE ATTEMPTING TO REPAIR TD MOTOR; RUN IN TEST MOTOR IN DRLG MODE, NO GOOD, POOH 3 STD AND MODE, NO GOOD POOH TO SHOE, FIX TOP DRIVE MOTOR A WORK ON # 1 GENERATOR AND TEST   PARTS ARRIVED ON LOCATION 0615 HR; REPLACE DIODE IN GENERATOR AND TEST   1   DRLG F/ 1586 TV 2023 WOB 15/25, GPM 393, DHRPM 59, TPR   RPM, PP 950 PSI, DIFF PRESS 200 PSI, RIG SERVICE   20:00 - 21:00   1:00   CIRC   20:00 - 22:00   1:00   CIRC   20:00 - 22:00   1:00   CIRC   20:00 - 22:00   1:00   CIRC   20:00 - 06:30   0.50   GIR   1   CIRC F/ 2699 T/ 3525 WOB 20/30, GPM 369, (93 SPM ) DHRP   12:20 - 12:30   0.50   GIR   1   CIRC FOR SURVEY   0.60 - 06:30   0.700   0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.12 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.50   GIR   1   CIRC FOR SURVEY   0.60 - 0.50   GIR   1       |            |                      |       | 1     |             |  |
| 09:30 - 10:00  | 10/22/2007 |                      |       |       |             | · ·  |
| 10:00 - 10:30  |            |                      |       |       |             |  |
| 10:30 - 11:00  |            |                      |       |       |             |  |
| 11:00 - 11:30  |            |                      |       |       |             | , · •  |
| 11:30 - 12:00   12:00 - 06:00   18:00  |            |                      | I     |       |             |  |
| 12:00 - 06:00  |            |                      | 1     |       | 1 -         |  |
| 35 STK WHILE ATTEMPTING TO REPAIR TD MOTOR; RUN IN TEST MOTOR IN DRLG MODE, NO GOOD, POOH 3 STD AND MIN. ATTEMPT TO REPAIR MOTOR, RUN IN HOLE 3 STD AND MODE, NO GOOD POOH TO SHOE, FIX TOP DRIVE MOTOR & WORK ON # 1 GENEROTOR, DIODE OUT, WATE ON PARTS F PARTS ARRIVED ON LOCATION 0615 HR; REPLACE DIODE IN GENERATOR AND TEST RPM, PP 950 PSI, DIFF PRESS 200 PSI, RIG SERVICE DRLG F / 1586 T / 2023 WOB 15/25, GPM 393, DHRPM 59, TPR RPM, PP 950 PSI, DIFF PRESS 200 PSI, RIG SERVICE DRLG F / 2023 T / 2669 WOB 20/30 GPM 432, DHRPM 65, TDF RPM, PP 1050, DIFF PSI 220 CICR, SURVEY, CONN 21:00 - 22:00    20:00 - 21:00    21:00 - 22:00    1.00    SUR     1   |            |                      | i .   |       |             | TOP DRIVE MOTOR DOWN, POOH 6 STANDS INTO CSG @ 1057 CIRC WITH        |
| TEST MOTOR IN DRLG MODE, NO GOOD, POOH 3 STD AND O MIN. ATTEMPT TO REPAIR MOTOR, RUN IN HOLE 3 STD AND O MODE,NO GOOD POOH TO SHOE, FIX TOP DRIVE MOTOR & WORK ON # 1 GENEROTOR, DIODE OUT, WATE ON PARTS F PARTS ARRIVED ON LOCATION 0615 HR; REPLACE DIODE I GENERATOR AND TEST  10/23/2007 06:00 - 12:30  |            | .2.00                |       |       | -           | 35 STK WHILE ATTEMPTING TO REPAIR TD MOTOR; RUN IN HOLE 3 STD AND    |
| MIN. ATTEMPT TO REPAIR MOTOR, RUN IN HOLE 3 STD AND MODE, NO GOOD POOH TO SHOE, FIX TOP DRIVE MOTOR & WORK ON # 1 GENEROTOR, DIODE OUT, WATE ON PARTS F PARTS ARRIVED ON LOCATION 0615 HR; REPLACE DIODE IN GENERATOR AND TEST DRLG F/ 1586 T/ 2023 WOB 15/25, GPM 393, DHRPM 59, TPR RPM, PP 950 PSI, DIFF PRESS 200 PSI, RIGG SERVICE DRLG F/ 2023 T/ 2669 WOB 20/30 GPM 432, DHRPM 65, TDF RPM, PP 1050, DIFF PSI 220 CICR, SURVEY, CONN 21:00 - 22:00 1.00 CIRC CIRC 2 CICR, SURVEY, CONN 22:00 - 06:00 8.00 DRL 1 DRLG F/ 2023 T/ 369 GPM RETURNS, TRANSFER AND BULD S PUMP UP TO 369 GPM RETURNS, TRANSFER AND BULD S PU |            |                      |       |       |             | TEST MOTOR IN DRLG MODE, NO GOOD, POOH 3 STD AND CIRC @ 35 STK       |
| MODE,NO GOOD POOH TO SHOE, FIX TOP DRIVE MOTOR & WORK ON # 1 GENEROTOR, DIODE OUT, WATE ON PARTS F PARTS ARRIVED ON LOCATION 0615 HR; REPLACE DIODE IN GENERATOR AND TEST   D8:30 - 12:00  |            |                      |       |       |             | MIN. ATTEMPT TO REPAIR MOTOR, RUN IN HOLE 3 STD AND TEST IN DRLG     |
| 10/23/2007   06:00 - 08:30   2.50   RIG   2   PARTS ARRIVED ON LOCATION 0615 HR; REPLACE DIODE IN GENERATOR AND TEST   DRLG F/ 1586 T/ 2023 WOB 15/25, GPM 393, DHRPM 59, TPR RPM, PP 950 PSI, DIFF PRESS 200 PSI, RIG   1   RIG SERVICE   DRLG F/ 2023 T/ 2669 WOB 20/30   GPM 432, DHRPM 65, TDF RPM, PP 1050, DIFF PSI 220   CICR, SURVEY, CONN   21:00 - 22:00   1.00   CIRC   2   LOST RETURNS @ 2669, 39 BBL, PICK UP OFF BOTTOM 30' / STK MIN. ESTABLISHED RETURNS, TRANSFER AND BULD S PUMP UP TO 369 GPM RETURNS HOLDING, BYPASSING SH// DRLF F/ 2669 T/ 3525 WOB 20/30, GPM 369, (93 SPM ) DHRP = 121, PP1115, DIFF PRESS 275, BYPASSING SHAKERS, ROP 10/24/2007   06:00 - 06:30   0.50   CIRC   1   CIRC FOR SURVEY   06:30 - 07:00   0.50   SUR   1   SURVEY @ 3439   DEG 2.2 AZI 168.1 NO CORR.   07:00 - 07:30   0.50   RIG   1   RIG SERVICE   DRLG F/ 3325 T/3806' WOB 15/20, DHRPM 60, TDRPM 70 = PP1925, DIFF PRESS 200, ROP 66, LCM 5%   12:00 - 12:30   0.50   CIRC   1   CIRC FOR SURVEY   06:30 - 13:00   0.50   SUR   1   SURVEY @ 3718 INC 1.6 AZI 129.17 CORR   13:00 - 16:30   3.50   DRL   1   DRLG F/ 3806 T/ 4060 WOB 20/25, TDRPM 70/75, ALL OTHER ABOVE   INSTALL ROTATING HEAD   DRLG F/ 4060 T/4555   SAME AS ABOVE; 3%LCM  |            |                      |       |       |             | MODE.NO GOOD POOH TO SHOE. FIX TOP DRIVE MOTOR & TEST GOOD:          |
| 10/23/2007   |            |                      |       |       |             |  |
| 08:30 - 12:00  | 10/23/2007 | 06:00 <u>-</u> 08:30 | 2.50  | RIG   | 2           |  |
| 08:30 - 12:00  | 10/25/2001 | 00.00 - 00.50        | 2.00  | 1110  |             | · ·  |
| 12:00 - 12:30  |            | 08·30 - 12·00        | 3 50  | DRI   | 1           |  |
| 12:00 - 12:30  |            | 00.00 12.00          | 0.00  |       | '           |  |
| 12:30 - 20:00  |            | 12:00 - 12:30        | 0.50  | PIG   | 1           |  |
| 20:00 - 21:00  |            |                      |       |       | 1           |  |
| 20:00 - 21:00  |            | 12.30 - 20.00        | 7.50  | DIXL  | '           |  |
| 21:00 - 22:00  |            | 20:00 21:00          | 1.00  | SHE   | 4           |  |
| STK MIN. ESTABLISHED RETURNS, TRANSFER AND BULD S PUMP UP TO 369 GPM RETURNS HOLDING, BYPASSING SH/PASSING SH/PASSING SH/PASSING SH/PASSING SH/PASSING SH/PASSING SH/PASSING SHAKERS, ROP  |            |                      |       |       | 1           |  |
| 22:00 - 06:00  8.00  DRL  DRL  DRL  DRL  DRL  DRL  DRL  D  |            | 21.00-22.00          | 1.00  | Since | -           |  |
| 22:00 - 06:00  |            |                      |       |       |             | · · · · · · · · · · · · · · · · · · ·                                |
| 10/24/2007 06:00 - 06:30   |            | 22.00 08.00          | 9 00  | DDI   | 1           |  |
| 10/24/2007   |            | 22.00 - 00:00        | 0.00  | DICL  | 1'          |  |
| 06:30 - 07:00  | 10/24/2007 | 06:00 06:30          | 0.50  | CIBC  | 1           |  |
| 07:00 - 07:30  | 10/24/2007 |                      | 1     | 1     | 1           |  |
| 07:30 - 12:00  |            |                      |       |       | 1           | _  |
| 12:00 - 12:30  |            |                      |       |       | 1           |  |
| 12:00 - 12:30  |            | 07.30 - 12:00        | 4.50  | DKL   | 1'          |  |
| 12:30 - 13:00  |            | 40.00 40.00          | 0.50  | CIPC  | 1           |  |
| 13:00 - 16:30 3.50 DRL 1 DRLG F/ 3806 T/ 4060 WOB 20/25, TDRPM 70/75, ALL OTHEF ABOVE 16:30 - 17:00 0.50 OTH INSTALL ROTATING HEAD 17:00 - 23:30 6.50 DRL 1 DRLG F/ 4060 T/4555 SAME AS ABOVE; 3%LCM   |            | l                    |       |       |             |  |
| ABOVE 16:30 - 17:00  |            |                      |       |       | 1           |  |
| 16:30 - 17:00  |            | 13:00 - 16:30        | 3.50  | DKL.  | 1           | ,  |
| 17:00 - 23:30   6.50   DRL   1   DRLG F/ 4060 T/4555   SAME AS ABOVE; 3%LCM  |            |                      |       |       |             |  |
|  |            |                      | 1     | 1     |             |  |
| 23:30 - 00:00   0.50   CIRC  1   CIRC FOR SURVEY   |            |                      | 1     |       |             | ·  |
|  |            | 23:30 - 00:00        | 0.50  | CIRC  | 1           | CIRC FOR SURVEY  |
|  |            |                      |       |       |             |  |
|  |            |                      |       |       |             |  |

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#### Questar E & P

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

Spud Date: 1

10/20/2007

Rig Release: 12/13/2007 Rig Number: 232

| Date       | From - To     | Hours | Code | Sub<br>Code | Description of Operations  |
|------------|---------------|-------|------|-------------|--|
| 10/24/2007 | 00:00 - 00:30 | 0.50  | SUR  | 1           | SURVEY @ 4467 INC 2.3 AZI 199.87 CORR  |
|            | 00:30 - 06:00 | 5.50  | DRL  | 1           | DRLG F/ 4555 T/ 4813 WOB 22/25 SAME AS ABOVE; 3% LCM   |
| 10/25/2007 | 06:00 - 07:30 |       | CIRC | 1           | CIRC. BOTTOMS UP   |
|            | 07:30 - 08:00 |       | SUR  | 1           | DROP SURVEY, PUMP SLUG   |
|            | 08:00 - 12:00 |       | TRP  | 10          | TRIP FOR BIT, HOLE TOOK 82 BBL TO FILL ( CALCULATED 39 BBL ) BREAK   |
|            | 12.00         |       |      | ' '         | OFF BIT  |
|            | 12:00 - 14:00 | 2 00  | TRP  | 10          | MAKE UP BIT, TIH TO SHOE, FILL PIPE  |
|            | 14:00 - 14:30 |       | RIG  | 6           | SLIP AND CUT DRLG LINE   |
|            | 14:30 - 17:30 |       | TRP  | 2           | TIH, INSTALL ROTATING HEAD   |
|            | 17:30 - 17:30 |       | REAM | 1           | SAFETY WASH F/4745'-4813'  |
|            | 18:00 - 05:30 | 11.50 |      | 1           | DRILL F/ 4813'-5221', WOB 15/20, RPM 70/60 = 130, ( 40.4 FPH ) BUILD 190 BBL   |
|            | 10.00 - 00.00 | 11.50 | DIXL | i •         | VOLUME, LCM 5%   |
|            | 05:30 - 06:00 | 0.50  | отн  |             | CONNECTIONS AND SLOW PUMP RATES  |
| 10/26/2007 | 06:00 - 14:30 | l     | DRL  | 1           | DRILL, F/5221'-5312', (10.7 FPH) WOB 10/15, RPM 70+60= 130, 510 GPM,   |
| 10/20/2007 | 00.00 - 14.50 | 0.50  | DIVE | '           | PUMP SWEEPS EVERY HOUR-TRYING TO CLEAN UP BIT AND HELP P. RATE,  |
|            |               |       |      |             |  |
|            | 14.20 45.00   | 0.50  | CIDO | 4           | NO FLUID LOSS CIRC. BOTTOMS UP F/ SURVEY @ 5312'   |
|            | 14:30 - 15:00 | 1     | CIRC | 1           |  |
|            | 15:00 - 15:30 |       | SUR  | 1           | WIRELINE SURVEY @ 5281', 1.3 DEG., 122.57 AZ   |
|            | 15:30 - 16:00 |       | RIG  | 1           | SERVICE RIG AND TOP DRIVE  |
|            | 16:00 - 05:30 | 13.50 | DKL  | 1           | DRILL, F/ 5312'-5613', ( 22.3 FPH ), WOB 15/25, RPM 70+60=130, 510 GPM,  |
|            |               |       |      |             | PUMP 20 BBL SWEEPS EVERY 2 HRS, NO FLUID LOSSES  |
|            | 05:30 - 06:00 | 1     | OTH  | 1.          | CONNECTIONS AND SLOW PUMP RATES  |
| 10/27/2007 | 06:00 - 11:00 | 5.00  | DRL  | 1           | DRILL, F/ 5613'-5678', WOB 15/25, RPM 70+60=130, 510 GPM, 2000 PSI, PUMP   |
|            |               |       |      |             | SWEEPS EVERY 2 HR TO CLEAN BIT AND HOLE, NO FLUID LOSS   |
|            | 11:00 - 12:00 | 1.00  | CIRC | 1           | CIRC. BOTTOMS UP, BUILD HEAVY PILL   |
|            | 12:00 - 12:30 | 1     | SUR  | 1           | DROP MULTI-SHOT, PUMP SLUG   |
|            | 12:30 - 15:30 | 3.00  | TRP  | 10          | TRIP FOR BIT, RECOVER SURVEY, BREAK OFF BIT, FUNCTION PIPE AND   |
|            |               |       |      |             | BLIND RAMS   |
|            | 15:30 - 19:30 | 4.00  | TRP  | 10          | MAKE UP BIT, CHECK MUDMOTOR, TRIP IN HOLE, FILL PIPE @ BHA, 3000',   |
|            | 19:30 - 20:30 | 1.00  | REAM | 1           | SAFETY WASH TO BOTTOM, 5583'-5678', LOST 92 BBL MUD ON TRIP  |
|            | 20:30 - 05:30 | 9.00  | DRL  | 1           | DRILL, F/ 5678' - 6063', WOB 10/15, RPM 73+55=128, 494 GPM, 2150 PSI, RUN  |
|            |               |       |      |             | MUD CLEANERS TO LOWER SOLIDS- NO SEEPAGE   |
|            | 05:30 - 06:00 | 0.50  | отн  |             | CONNECTIONS AND SLOW PUMP RATES  |
| 10/28/2007 | 06:00 - 08:30 |       | DRL  | 1           | DRILL F/ 6063'- 6158' ( 38 FPH)  |
|            |               |       |      |             |  |
|            | 08:30 - 09:00 | 0.50  | RIG  | 1           | LUBRICATE RIG AND TOP DRIVE  |
|            | 09:00 - 01:30 |       | DRL  | 1           | DRILL F/ 6158' - 6723', ( 34.2 FPH )   |
|            | 01:30 - 02:00 |       | CIRC | 1           | CIRC. FOR SURVEY   |
|            | 02:00 - 02:30 |       | SUR  | 1           | SURVEY @6635', 2.1 DEG, 128.4 AZ   |
|            | 02:30 - 06:00 | 1     | DRL  | 1           | DRILL F/ 6723'-6800', (77 FPH)   |
| 10/29/2007 | 06:00 - 10:30 | 1     | DRL. | 1           | DRILL F/ 6800' - 6911' (24.67 FPH) ADD 5 GPM TO MUD SYSTEM FOR   |
| 1012012001 | 30.00 - 10.50 | 1.50  |      | '           | MAINTENANCE  |
|            | 10:30 - 11:00 | 0.50  | RIG  | 1           | LUBRICATE RIG AND TOP DRIVE  |
|            | 11:00 - 21:00 |       | DRL  | 1           | DRILL F/ 6911' - 7193' (28.2 FPH)  |
|            |               |       | RIG  | 2           | RIG REPAIR, CHANGE PUMP'S POP OFF'S  |
|            | 21:00 - 21:30 | 1     | 1    |             |  |
|            | 21:30 - 05:30 |       | DRL  | 1           | DRILL F/ 7193' - 7382' (AVG 23.63 FPH)   |
| 101001000  | 05:30 - 06:00 |       | OTH  |             | SLOW PUMP RATES AND CONNECTIONS  |
| 10/30/2007 | 06:00 - 12:00 | 6.00  | DRL  | 1           | DRILL, 7382'-7475', (15.5 FPH), WOB 10/15, 70+42=112 RPM, 510 GPM, 2050  |
|            |               |       |      | 1.          | PSI  |
|            | 12:00 - 12:30 |       | RIG  | 1           | SERVICE RIG AND TOP DRIVE  |
|            | 12:30 - 21:30 | 9.00  | DRL  | 1           | DRILL, 7475'-7662', (20.7 FPH), WOB 10/20, 45+70=115 RPM, 510 GPM, 2150  |
|            |               |       |      |             | PSI ( 5000 UNITS GAS @7559' )  |
|            | 21:30 - 22:00 | 0.50  | CIRC | 1           | CIRC FOR SURVEY  |
|            |               |       |      |             |  |
|            |               |       |      |             |  |
|            |               |       |      |             |  |
|            |               |       |      | 1           | Annual An |

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

Spud Date:

10/20/2007 Rig Release: 12/13/2007

Rig Number: 232

| Date        | From - To     | Hours | Code | Sub<br>Code | Description of Operations   |
|-------------|---------------|-------|------|-------------|---|
| 10/30/2007  | 22:00 - 23:00 | 1.00  | SUR  | 1           | SURVEY @7574', 2.0 DEG., 181.1 AZ   |
|             | 23:00 - 05:30 |       | DRL  | 1           | DRILL, 7662'-7818', (24. FPH), WOB 10/20, 45+70=112 RPM, 510 GPM, 2200 PS   |
|             | 05:30 - 06:00 | 1 1   | OTH  |             | CONNECTIONS AND SLOW PUMP RATE  |
| 0/31/2007   | 06:00 - 08:00 |       | DRL  | 1           | DRILL, 7818'-7850', ( 16 FPH ), WOB 10/15, 45+70=115 RPM, 510 GPM, 2250 PSI   |
| 10/3 1/2007 |               |       |      | 1           |   |
|             | 08:00 - 08:30 | 0.50  |      | 1           | SERVICE RIG AND TOP DRIVE   |
|             | 08:30 - 19:30 | 11.00 | DRL  | 1           | DRILL, 7850'-8042', ( 17.45 FPH ) WOB 12/15, 45+70=115 RPM, 510 GPM, 2450 PSI   |
|             | 19:30 - 20:00 | 0.50  | RIG  | 2           | RIG REPAIR, ( DEBRIS UNDER VALVE #1 PUMP )  |
|             | 20:00 - 00:00 | 4.00  | DRL  | 1           | DRILL, 8042'-8136', (23.5 FPH) WOB 12/15, 45+70=115 RPM, 510 GPM, 2450 PSI  |
|             | 00:00 - 01:00 | 1 00  | RIG  | 2           | RIG REPAIR, ( REPLACE 3 DISCHARGE VALVES #2 PUMP )  |
|             | 01:00 - 06:00 |       | DRL  | 1           | DRILL, 8136'-8223', ( 17.4 FPH ) WOB 12/16, 45+70=115 RPM, 510 GPM, 2500  |
|             | 01.00 - 00.00 | 3.00  | DILL | '           | PSI   |
| 11/1/2007   | 06:00 - 07:00 | 1.00  | RIG  | 2           | RIG REPAIR, ( PUMP VALVES )   |
|             | 07:00 - 17:30 | 10.50 | DRL  | 1           | DRILL, 8223'-8445', ( 21.1 FPH ) WOB 12/16, 50+70=120 RPM, 510 GPM, 2600 PSI  |
|             | 17:30 - 18:00 | 0.50  | RIG  | 1           | SERVICE RIG AND TOP DRIVE   |
|             | 18:00 - 06:00 | 12.00 |      | i           | DRILL, 8445'-8680', (19.58 FPH) WOB 12/16, 50+70=120 RPM, 510 GPM, 2500   |
| 11/2/2007   | 06:00 - 17:00 | 11.00 | DRI  | 1           | PSI DRILL, 8680'-8900', ( 20 FPH ) WOB 12/16, 55+69=124 RPM, 460 GPM, 2000 PSI  |
| 11/2/2001   |               | 1     | RIG  | 1           | SERVICE RIG AND TOP DRIVE   |
|             | 17:00 - 17:30 |       |      |             |   |
|             | 17:30 - 18:00 |       | DRL  | 1           | DRILL, 8900'-8920', (40 FPH) WOB 12/16, 55+69 =124 RPM, 460 GPM,2050 PSI  |
|             | 18:00 - 18:30 |       | RIG  | 2           | RIG REPAIR, ( DEBRIS UNDER PUMP VALVE )   |
|             | 18:30 - 00:00 | 5.50  | DRL  | 1           | DRILL,8920'-9031', (14.7 FPH) WOB 12/16, 55+69=124RPM, 460 GPM,2050 PSI   |
|             | 00:00 - 01:00 | 1.00  | CIRC | 1           | CIRC. BOTTOMS UP, MIX SLUG  |
|             | 01:00 - 01:30 | 0.50  | SUR  | 1           | DROP SURVEY, PUMP SLUG, FLOW CHECK  |
|             | 01:30 - 06:00 | 4.50  | TRP  | 10          | TRIP OUT OF HOLE, SLM, CURRENTLY @ 1000'  |
| 11/3/2007   | 06:00 - 07:00 |       | TRP  | 10          | T.O.H., SLM, ( NO CORRECTION ), CHANGE BIT AND MUD MOTOR,   |
| 11/3/2007   | 00.00 - 07.00 | 1.00  | 110  |             | FUNCTION PIPE AND BLIND RAMS  |
|             | 07:00 - 10:30 | 3.50  | TRP  | 10          | TRIP IN HOLE, FILL @ BHA, 4500', 7800'  |
|             | 10:30 - 11:00 | 0.50  | REAM | 1           | SAFETY WASH 90' TO BOTTOM, 30' FILL   |
|             | 11:00 - 17:30 | I     | DRL  | 1           | DRILL, 9031'-9231', ( 30.7 FPH ) WOB 8/10, 45+69=114 RPM, 460 GPM, 2000 PSI   |
|             |               |       | i    |             | SERVICE RIG AND TOP DRIVE   |
|             | 17:30 - 18:00 | I     | RIG  | 1           |   |
|             | 18:00 - 01:00 |       | DRL  | 1           | DRILL, 9231'-9361', (18.5 FPH) RAISING MUD WT TO 9.5 PPG  |
|             | 01:00 - 06:00 | 5.00  | CIRC | 2           | LOST CIRC @ 9361', (85 BBL), PUMP 75 BBL LCM PILL-REGAINED PARTIAL RETURNS, STEP UP PUMP SPEED SLOWLY TO 430 GPM, FULL RETURNS,             |
|             |               |       |      |             | BUILD VOLUME  |
| 11/4/2007   | 06:00 - 08:30 | 2.50  | DRL  | 1           | (LOST 200 BBL TOTAL) BG GAS @ 1300 UNITS<br>DRILL, 9361'-9436' (30 FPH) WOB 8/12, 50+63=113 RPM, 420 GPM, 2050 PSI                          |
|             |               |       | _    |             | NO MUD LOSS   |
|             | 08:30 - 09:00 | 1     | RIG  | 1           | SERVICE RIG, CHANGE OIL IN TOP DRIVE  |
|             | 09:00 - 06:00 | 21.00 | DRL  | 1           | DRILL, 9436'-9665', (11.7 FPH) PUMP 20 BBL LCM SWEEPS EVERY HR, BIT BALLING- PUMPING SWEEPS, DUMPING SAPP IN D.P., TRYING DIFFERENT         |
| 11/5/2007   | 06:00 - 12:00 | 6.00  | DRL  | 1           | PARAMETERS ON BIT (TIME CHANGE 1 HR) DRILL, 9665'-9716', (8.5 FPH) WOB 9/12, 65+65=130 RPM, 432 GPM, 1900 PSI,                              |
|             |               |       |      |             | LOST 90 BBL @ 9700', PUMPING LCM SWEEPS, LOSSES SLOWED TO 24 BPH  |
|             | 12:00 - 12:30 | 0.50  | RIG  | 1           | SERVICE RIG AND TOP DRIVE, REPAIR BREAKER IN TRANSFORMER  |
|             | 12:30 - 06:00 | 17.50 | DRL  | 1           | DRILL, 9716'-9900', ( 10.5 FPH ) WOB 9/12, 63+62=125 RPM, 430 GPM, 1700 PSI MUD LOSS 24 BBL HR  |
| 11/6/2007   | 06:00 - 14:30 | 8.50  | DRL  | 1           | DRILL, 9900'-9996', ( 11.29 FPH ) WOB 10/12, 60+63=123 RPM, 1750 PSI, 420 GPM, MUD LOSS 15 BBL PER HR, PUMPING LCM AND BIT UNBALLING SWEEPS |

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#### Questar E & P

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

Spud Date: 10/20/2007

Rig Release: 12/13/2007 Rig Number: 232

| Date      | From - To     | Hours | Code | Sub<br>Code | Description of Operations  |
|-----------|---------------|-------|------|-------------|--|
| 11/6/2007 | 14:30 - 15:00 | 0.50  | RIG  | 1           | SERVICE RIG AND TOP DRIVE  |
|           | 15:00 - 17:00 |       | DRL  | 1           | DRILL, 9996'-10001', (2.5 FPH) WOB 12/20, 60+63=123 RPM, 1800 PSI, 420 GPM                                       |
|           | 17:00 - 18:00 | 1.00  | CIRC | 1           | CIRC. BOTTOMS UP, BUILD TRIP SLUG  |
|           | 18:00 - 18:30 | 0.50  | OTH  |             | DROP SUVREY, FLOW CHECK  |
|           | 18:30 - 20:30 | 2.00  | CIRC | 1           | KELLY UP, CIRC, 25' FLARE  |
|           | 20:30 - 23:30 | 3.00  | DRL  | 1           | DRILL,10001'-10005', CONDITION MUD- RAISING MUD WT F/9.7# TO 9.9#, 25' FLARE FOR 2 MINUTES                       |
|           | 23:30 - 02:30 | 3.00  | CIRC | 2           | LOST RETURNS, PICKUP OFF BOTTOM, REDUCE PUMP RATE, PUMP LCM  |
|           | 02:30 - 03:00 | 0.50  | TRP  | 2           | PULL 2 STANDS D.P.   |
|           | 03:00 - 03:30 |       | CIRC | 2           | SPOT 75 BBL( 20% ) LCM PILL  |
|           | 03:30 - 04:00 |       | TRP  | 2           | PULL 8 STANDS  |
|           | 04:00 - 06:00 |       | CIRC | 1           | CIRC, BUILD HEAVY PILL (30 # PER BBL LCM), FLOW CHECK (LOST 400 BBL MUD TOTAL), LOST RETURNS-MIX LCM PILL        |
| 11/7/2007 | 06:00 - 08:00 | 2.00  | CIRC | 2           | LOST RETURNS, (115 BBL) MUD WENT BELOW A-SECTION, MIXING (40 # PER BBL) LCM PILL@ 9000', BUILDING VOLUME         |
|           | 08:00 - 08:30 | 0.50  | CIRC | 2           | PUMP AND DISPLACE LCM PILL, NO RETURNS- PUMPED 166 BBLS BEFORE ANY PRESSURE INCREASE 245 BBL TOTAL               |
|           | 08:30 - 15:00 | 6.50  | CIRC | 2           | MIXING & PUMP 3 LCM PILLS, 120 BBL,EACH, (40 # PER BBL, 9.8 PPG ) NO RETURNS                                     |
|           | 15:00 - 16:00 | 1.00  | CIRC | 2           | BUILD NEW SWELL/ NEW SEAL PILL (40 BBL)  |
|           | 16:00 - 16:30 | 1     | TRP  | 2           | TRIP IN TO 9260'   |
|           | 16:30 - 17:30 | 1     | CIRC | 2           | PUMP NEW SWELL, GOT RETURNS WHILE PUMPING  |
|           | 17:30 - 17:30 |       | TRP  | 2           | PULL 10 STDS D.P. TO 8321'   |
|           | 18:00 - 18:30 | 4     | OTH  | 2           | WAIT ON PILL TO SET  |
|           | 18:30 - 21:30 |       | CIRC | 1           | BREAK CIRC. @ 50 SPM, CIRC. OUT GAS, BUILD TRIP SLUG ( HOLE  |
|           |               |       |      |             | BALLOONING)  |
|           | 21:30 - 22:30 |       | OTH  |             | FLOW CHECK, SPOT HEAVY PILL  |
|           | 22:30 - 06:00 | 1     | TRP  | 2           | TRIP OUT,  |
| 11/8/2007 | 06:00 - 07:00 | 1     | TRP  | 10          | POOH   |
|           | 07:00 - 09:00 | 1     | TRP  | 1           | L/D BIT & MOTOR; P/U MEW MOTOR   |
|           | 09:00 - 09:30 |       | TRP  | 1           | M/U BIT & TEST MOTOR   |
|           | 09:30 - 11:00 |       | TRP  | 10          | RUN IN HOLE  |
|           | 11:00 - 12:00 |       | TRP  | 10          | FILL PD @ TOP OF BHA, PIPE PLUGED, NO CERCULATION  |
|           | 12:00 - 13:00 | 1     | TRP  | 2           | POOH   |
|           | 13:00 - 15:00 |       | TRP  | 2           | UNPLUG STRING; STRING WAS PLUHED @ THE TOTCO RING BELOW THE MONEL, IT WAS PLUGED WITH PIPE DOPE AND CEADER FIBER |
|           | 15:00 - 16:00 |       | TRP  | 2           | PULL WEAR BUSHING WASH OUT WELL HEAD & REINSTALL WEAR BUSHING  |
|           | 16:00 - 23:30 | 1     | TRP  | 2           | RUN IN HOLE SLOWLY SO AS NOT BLOW OUT THE HOLE   |
|           | 23:30 - 00:30 | 1.00  | REAM | 1           | WASH THROUGH POLLY PLUS LCM PILL FROM 9155 TO 9436 @ 50 STK AND 30 RPM, 2' TO 60' FLAIR                          |
|           | 00:30 - 01:30 | 1     | TRP  | 2           | TRIP IN HOLE TO 9778   |
|           | 01:30 - 03:30 | 2.00  | REAM | 1           | WASH & REAM FROM 9778 TO 9987, LOST 170 BBL MUD OVER 1 HR, PULLED BACK TO 9950                                   |
|           | 03:30 - 04:30 |       | CIRC | 6           | BUILD LCM PILL AND SPOT @ 9987 15 % LCM  |
|           | 04:30 - 06:00 | 1.50  | CIRC | 1           | PULL BACK TO 9950 & BUILD LCM PILL, AND CERCULATE AT 50 STK  |
| 11/9/2007 | 06:00 - 06:30 | 0.50  | CIRC | 2           | CIRC @50 STK AND BUILD LCM PILL @ 9895   |
|           | 06:30 - 08:30 |       | REAM | 1           | WASH & REAM F/ 9885 T/ 10005   |
|           | 08:30 - 15:00 | 6.50  | DRL  | 1           | DRLG F/ 10005 T/ 10089, 85 STK, 5/15 WOB , TOTAL RPM 100, MW 9.8, VIS 40, LCM 15%                                |
|           | 15:00 - 15:30 | 0.50  | RIG  | 1           | RIG SERVICE  |
|           | 15:30 - 22:00 | 6.50  | DRL  | 1           | DRLG F/ 10089 T/ 10151, MW 9.7 VIS 40 LCM 15%  |
|           |               |       |      |             |  |

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

Spud Date: 10/20/2007 Rig Release: 12/13/2007

Rig Number: 232

| Date       | From - To     | Hours | Code | Sub<br>Code | Description of Operations   |
|------------|---------------|-------|------|-------------|---|
| 11/9/2007  | 22:00 - 23:00 | 1.00  | CIRC | 1           | FLOW CHECK, FLOWING 26 BBL HR,CICR BOTTOMS UP FOR GAS, BUILD HEAVY MUD PILL,  |
|            | 23:00 - 01:00 | 2.00  | CIRC | 1           | CIRC BOTTOMS UP   |
|            | 01:00 - 02:00 | 1.00  | TRP  | 2           | PULL WET F/ 10089 T/ 8690   |
|            | 02:00 - 02:30 | 0.50  | CIRC | 1           | CIRC CHECK FOR GAS  |
|            | 02:30 - 03:00 | 0.50  | CIRC | 1           | SPOT 40 BBL 11# KILL PILL @ 8690  |
|            | 03:00 - 04:00 |       | TRP  | 2           | PULL 5 STD WET & FLOW CHECK, OK   |
|            | 04:00 - 06:00 | 2.00  | CIRC | 1           | PUMP PILL & POOH  |
| 11/10/2007 | 06:00 - 10:00 | 4.00  | TRP  | 10          | POOH  |
|            | 10:00 - 11:30 | 1.50  | TRP  | 1           | CHECK MOTOR C/O BIT, CLEAN FLOOR, M/U BIT, SURFACE TEST MOTOR,  |
|            | 11:30 - 13:00 | I     | TRP  | 10          | RUN IN HOLE WITH BHA  |
|            | 13:00 - 14:30 |       | RIG  | 6           | CUT DRILLING LINE   |
|            | 14:30 - 15:00 | 0.50  | RIG  | 1           | RIG SERVICE   |
|            | 15:00 - 21:30 | I     | TRP  | 10          | RUN IN HOLE   |
|            | 21:30 - 00:00 | I     | CIRC | 1           | CIRC BOTTOMS UP   |
|            | 00:00 - 02:00 | 1     | REAM | 1           | WASH & REAM F/ 9715 T/ 10151  |
|            | 02:00 - 06:00 | 1     | DRL  | 1           | DRLG F/ 10151 T/10183   |
| 11/11/2007 | 06:00 - 10:00 | 4.00  | DRL  | 1           | DRLG F/ 10183 T/ 10190; WOB 5/15, RPM 107, MW 9.7, VIS 42, 14% LCM LOSSES 8 BBL HR, BOTTOM OF MESAVERDE VERY VERY HARD, DRILLED 1' INTO THE TOP OF THE SEGO-BLOCKY HARD HARD!!!                       |
|            | 10:00 - 11:00 | 1.00  | CIRC | 1           | CIRC BOTTOMS UP; PUMP 11# KILL PILL; 10190' IS 1FOOT INTO THE SEGO-BLOCKY FORMATION   |
|            | 11:00 - 18:00 | 7.00  | TRP  | 10          | POOH FOR BIT # 6  |
|            | 18:00 - 19:30 | 1.50  |      | 1           | L/D BIT & MOTOR, P/U HIGH SPEED MOTOR, SURFACE TEST MOTOR & MAKE UP BIT   |
|            | 19:30 - 02:00 | 1     | TRP  | 10          | RUN IN HOLE   |
|            | 02:00 - 05:00 | 1     | REAM | 1           | WASH & REAM F/10087 T/ 10190  |
|            | 05:00 - 06:00 |       | DRL  | 1           | DRLG F/ 10190 T/ 10193  |
| 11/12/2007 | 06:00 - 03:30 | 21.50 |      | 1           | DRLG F/ 10193 T/ 10274; WOB 5/9, TOTAL RPM 505, RUNNING IMPREG, NO LOSSES, 15 % LCM,  |
|            | 03:30 - 04:00 | 1     | RIG  | 1           | RIG SERVICE   |
|            | 04:00 - 06:00 |       | DRL  | 1           | DRLG F/ 10274 T/ 10283 WOB 5/9, MOTOR SPEED 440 ROP, TOP DRIVE 65 RPM, TOTAL RPM 505, SNITH INPREG BIT, 15 % LCM NO LOSSES  |
| 11/13/2007 | 06:00 - 00:30 | 18.50 |      | 1           | DRLG F/ 10283 T/ 10354; WOB 8/10, TOTAL RPM 517, IMPREG BIT, AVEG 3.2' HR, LOSSES OVER LAST 24 HR 230 BBL, 15/18 % LCM  |
|            | 00:30 - 01:30 | 1     | TRP  | 2           | WORK TIGHT HOLE F/ 10354 T/ 10300   |
|            | 01:30 - 05:30 | 1     | DRL  | 1           | DRLG F/ 10354 T/ 10368 SAME AS ABOVE  |
|            | 05:30 - 06:00 | 1     | RIG  | 1           | RIG SERVICE   |
| 11/14/2007 | 06:00 - 14:30 | 8.50  | DRL  | 1           | DRLG F/10368 T/ 10426 WOB 20, 100 STK= 377 BIT RPM + TOP DRIVE RPM 60 = 437 TOTAL RPM; MW 9.7, VIS 44, LCM 15/18 % WERE HAVING SOME PROBLEMS GETTING THE WT TRANSFERED TO THE BIT; IMPREG BIT IN HOLE |
|            | 14:30 - 15:00 | 0.50  | REAM | 1           | WORK TIGHT HOLE; WERE BACK REAMING THE HOLE AND THIS IS HELPING GET THE WT TO THE BIT. NEED TO WATCH OUT FOR PACKING OFF WHEN BACK REAMING  |
|            | 15:00 - 20:30 | 5.50  | DRL  | 1           | DRLG F/10426 T/ 10461 ALL IS THE SAME AS ABOVE  |
|            | 20:30 - 21:00 | 0.50  | REAM | 1           | WORK TIGHT HOLE SAME AS ABOVE   |
|            | 21:00 - 06:00 | 9.00  | DRL  | 1           | DRLG F/ 10461 T/ 10520 SAME AS ABOVE  |
| 11/15/2007 | 06:00 - 12:30 |       | DRL  | 1           | DRLG F/ 10520 T/ 10554 WOB 20, DHRPM 392, TDRPM 60, TOTAL RPM 452, MW 9.7, VIS 44. LCM 15/18%; BACK REAMING EVERY STAND IS HELPING WT TRANSFER TO BIT.  |
|            | 12:30 - 13:00 | 1     | RIG  | 1           | RIG SERVICE   |
|            | 13:00 - 05:30 | 16.50 | DRL  | 1           | DRLG F/ 10554 T/10648 SAME AS ABOVE; LOST 81 BBL LAST 24 HR   |
|            |               |       |      |             |   |

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#### Questar E & P

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

Spud Date: 10/20/2007

Rig Release: 12/13/2007 Rig Number: 232

| Date       | From - To     | Hours | Code | Sub<br>Code | Description of Operations  |
|------------|---------------|-------|------|-------------|--|
| 11/15/2007 | 05:30 - 06:00 | 0.50  | RIG  | 4           | CHANGE ROTATING HEAD RUBBER  |
| 11/16/2007 | 06:00 - 14:00 | 8.00  | DRL  | 1           | DRLG F/ 10648 T/ 10700   |
|            | 14:00 - 14:30 | 0.50  | RIG  | 1           | RIG SERVICE  |
|            | 14:30 - 16:00 | 1     | CIRC | 1           | CIRC AND COND MUD, PUMP HIGH VIS SWEEP   |
|            | 16:00 - 17:30 |       | CIRC | 1           | FLOW CHECK, SPOT 40 BBL 11# KILL PILL ON BOTTOM  |
|            | 17:30 - 20:00 |       | TRP  | 14          | SHORT TRIP F/ 10700 T/ 80000   |
|            | 20:00 - 20:30 | I     | REAM | 1           | WASH 90' TO BOTTOM, NO FILL  |
|            | 20:30 - 23:00 |       | CIRC | 1           | PUMP HIGH VIS SWEEP & CIRC, 10' FLARE ON BOTTOMS UP  |
|            |               |       | TRP  | 2           | FLOW CHECK   |
|            | 23:00 - 23:30 | 1     |      | 1           |  |
|            | 23:30 - 00:30 | 1     | CIRC | 1           | SPOT 40 BBL 11# KILL PILL ON BOTTOM  |
|            | 00:30 - 06:00 | 1     | TRP  | 2           | POOH, SLM  |
| 1/17/2007  | 06:00 - 07:30 |       | TRP  | 2           | POOH, SLM; SLM DEPTH 10688   |
|            | 07:30 - 08:00 | 1     | TRP  | 2           | L/D STAB, MOTOR, BIT   |
|            | 08:00 - 08:30 | 1     | DEQ  | 4           | PULL WEAR BUSHING  |
|            | 08:30 - 09:30 |       | LOG  | 1           | HOLE SAFETY MTG, RIG UP LOGERS   |
|            | 09:30 - 14:00 | 4.50  | LOG  | 1           | RUN TRIPLE COMBO LOG WITH HALLIBURTON  |
|            | 14:00 - 15:00 | 1.00  | LOG  | 1           | RIG DOWN LOGERS  |
|            | 15:00 - 20:30 | 5.50  | TRP  | 2           | M/U BIT BIT SUB & RUN IN HOLE WITH NEW MILL TOOTH BIT  |
|            | 20:30 - 21:00 | 0.50  | REAM | 1           | WASH & REAM F/ 10588 T/ 10688 20' FILL   |
|            | 21:00 - 00:00 | 3.00  | CIRC | 1           | CIRC BOTTOMS UP & WASH BOTTOM, MAX GAS 1490 UT, MAX FLARE 35', 10  |
|            |               |       |      |             | BBL PIT GANE, hOLD SAFTY MTG & RIG UP L/D CREW   |
|            | 00:00 - 01:00 | 1.00  | CIRC | 1           | SPOT 40 BBL 11# KILL PILL ON BOTTOM & PUMP DRY UP SLUG   |
|            | 01:00 - 06:00 |       | TRP  | 3           | L/D 4 1/2" PD  |
| 1/18/2007  | 06:00 - 09:30 | 1     | TRP  | 3           | L/D DP   |
| 1710/2007  | 09:30 - 10:30 |       | CSG  | 1           | L/D BALES & TURN AROUND LAY DOWN EQUIPMENT   |
|            | 10:30 - 01:30 |       | CSG  | 2           | HOLD SAFETY MTG & RUN CSG  |
|            |               |       | CIRC | 1           |  |
|            | 01:30 - 03:30 |       |      | 1           | CIRC BOTTOMS UP  |
|            | 03:30 - 04:30 |       | CSG  | 1           | R/D FILL TOOL & R/U CIRC SWEDGE  |
|            | 04:30 - 05:00 |       | CIRC | 1           | WASH DOWN & LAND HANGER IN WELL HEAD SHOE @ 10679  |
|            | 05:00 - 06:00 |       | CSG  | 2           | BACK OUT LANDING JT. & L/D SAME  |
| 11/19/2007 | 06:00 - 08:00 |       | CSG  | 2           | INSTALL CSG RETAINER W/ CANERON PACK OFF & TEST  |
|            | 08:00 - 14:30 |       | CMT  | 2           | HOLD SAFETY MTG AND CEMENT 7" INTERMEDIATE CSG   |
|            | 14:30 - 18:00 | 3.50  | ВОР  | 1           | C/O PIPE RAMS, C/O BAILS & ELEVAROTS, HOLE SAFETY MTG WITH B&C QUICK TEST  |
|            | 18:00 - 00:30 | 6.50  | BOP  | 2           | TEST BOP, LOW 500 PSI, 15 MIN, HIGH 10,000 PSI 15 MIN; TESTED LOWER VBR RAMS, BLIND RAMS, UPPER PIPE RAMS, CHOKE MANAFOLD, HCR & |
|            | 00.00 00.00   | 0.00  | DOD  | 4           | KILL VALVES, & TOP DRIVE; TEST CSAAING TO 3500 PSI FOR 30 MIN  |
|            | 00:30 - 02:30 | 1     | BOP  | 1           | C/O 11" 5,000PSI ANNULAR WITH A 7 1/16" 10,000 PSI ANNULAR   |
|            | 02:30 - 04:30 | 1     | BOP  | 2           | TORQUE AND TRST ANNULAR, LOW 250 PSI HIGH 3500 PSI   |
|            | 04:30 - 05:00 | 1     | BOP  | 1           | RIG DOWN B&C QUICK TEST  |
|            | 05:00 - 06:00 | 1.00  | 1    |             | P/U NEW 7 1/16" ROTATING HEAD & MAKE UP  |
| 1/20/2007  | 06:00 - 10:30 | 1     | BOP  | 1           | R/U ROTATING HEAD, CLEAN MUD TANKS   |
|            | 10:30 - 15:00 | 4.50  | TRP  | 1           | HOLD SAFETY MTG & P/U BHA & 4" DP  |
|            | 15:00 - 16:00 | 1.00  | RIG  | 6           | CUT DRLG LINE  |
|            | 16:00 - 16:30 | 0.50  | RIG  | 1           | RIG SERVICE, INSTALL NEW SECTION FLOW LINE   |
|            | 16:30 - 21:30 |       | TRP  | 1           | P/U 4" DP  |
|            | 21:30 - 22:30 | 1     | ОТН  |             | FILL PIPE ,@ 3700' PIPE PLUGED, CHECK SURFACE EQUIPMENT  |
|            | 22:30 - 00:00 | 1     | TRP  | 2           | POOH WET, MUD MOTOR & MONER PLUGED WITH LCM  |
|            | 00:00 - 01:30 | 1     | отн  | -           | L/D MOTOR &CLEAN OUT MONEL, PICK UP NEW MOTOR & TEST   |
|            | 01:30 - 03:00 |       | TRP  | 1           | TRIP IN HOLE   |
|            |               | 1     | 1    |             | P/U 4" PD  |
| 44/04/0007 | 03:00 - 06:00 | 1     | TRP  | 1           |  |
| 11/21/2007 | 06:00 - 11:30 | 1     | TRP  | 2           | P/U 4" DP, TO 10578"   |
|            | 11:30 - 13:30 | 2.00  | DRL  | 1           | TAG CEMENT @ 10578 DRLG CEMENT STRINGERS, FLOAT COLLAR @ 10582,  |
|            |               |       |      |             |  |

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#### Questar E & P

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

 Spud Date:
 10/20/2007

 Rig Release:
 12/13/2007

 Rig Number:
 232

| Date       | From - To     | Hours | Code  | Sub<br>Code | Description of Operations   |
|------------|---------------|-------|-------|-------------|---|
| 11/21/2007 | 11:30 - 13:30 | 2.00  | DRL   | 1           | SHOE @ 10679' DRLG 10 NEW HOLE  |
|            | 13:30 - 16:00 | 2.50  | CIRC  | 1           | CIRC & COND MUD, CIRC OUT N2 & COND MUD FOR FIT TEST                  |
|            | 16:00 - 16:30 |       | DRL   | 1           | FIT TEST, 15 PPG EMW, WITH 3000 PSI @ 9.7 MW TEST GOOD                |
|            | 16:30 - 06:00 | 13.50 | l     | i           | DRLG F/10703 T/11072 WOB 8, DHRPM 36 TDRPM 50, TRPM 86, MW 9.7        |
|            | 10.30 - 00.00 | 13.30 | DIVL  | 1           |   |
|            |               |       |       |             | DRLG WITH A 5' FT FLARE, ROP 40, LCM 5%, MOTOR IN HOLE IS .17         |
|            |               |       |       |             | REV/GAS   |
| 1/22/2007  | 06:00 - 09:30 | 3.50  | DRL   | 1           | DRLG F/ 11072 T/ 11226 WOB 8, 70 STL, DHRPM 36, TDRPM 50, TRPM 86, 3% |
|            |               |       |       |             | LCM, PP1345 MW 9.7  |
|            | 09:30 - 12:30 | 3.00  | WCL   | 1           | SHUT IN WELL & CIRC OUT GAS, SICP 500, GAIN 48 BBL, MAX GAS 7472, 55' |
|            |               |       |       |             | FLARE   |
|            | 12:30 - 13:00 | 0.50  | DRL   | 1           | DRLG F/ 11226 T/ 11248 MW IN 9.9, OUT9.7, ALL OTHERS AS ABOVE SAME    |
|            | 13:00 - 16:30 | 1     | WCL   | 1           | SHUT IN WELL & CIRC OUT GAS, SICP 600, GAIN 90 BBL, MAX GAS 7355, 60' |
|            | 10.00         | 0.00  | ***** | '           | FLARE   |
|            | 16.20 06.00   | 12.50 | DDI   | 1           |   |
|            | 16:30 - 06:00 | 13.50 | DKL   | '           |   |
|            |               |       |       | l.          | AS ABOVE  |
| 11/23/2007 | 06:00 - 11:00 | 1     | DRL   | 1           | DRLG F/ 11694 T/ 11838  |
|            | 11:00 - 11:30 | 1     | RIG   | 1           | RIG SERVICE   |
|            | 11:30 - 06:00 | 18.50 | DRL   | 1           | DRLG F/ 11838 T/ 12287, WOB 6/10, DHRPM 36, TDRPM 50, DIFF PRESS      |
|            |               |       |       |             | 150/350, PP 1700 PSI, MW 10.7 TO 11.0, 30' NO DRLG FLARE, NO CONN     |
|            |               |       |       |             | FLARE, LAST 24 HR MUD LOSS 28 BBL, LCM 3%                             |
| 1/24/2007  | 06:00 - 08:00 | 2.00  | DRL   | 1           | DRLG F/ 12287 T/ 12323 MW 11 PPG, WOB 10, DHRPM 26 TDRPM 50, LCM 3 %  |
| 112 112007 | 00.00         |       |       | '           | NO FLARE'S, NO MUD LOSS   |
|            | 08:00 - 08:30 | 0.50  | RIG   | 1           | RIG SERVICE   |
|            |               | 1     |       |             |   |
|            | 08:30 - 06:00 | 21.50 | UKL   | 1           | DRLG F/ 12323 T/ 12723 MW 11 3 PPG, ALL OTHER SAME                    |
|            | 06:00 -       |       |       |             | BOILER 12 HR  |
| 1/25/2007  | 06:00 - 06:30 |       | RIG   | 1           | RIG SERVICE   |
|            | 06:30 - 07:00 | 0.50  | RIG   | 4           | CHANGE ROTATING HEAD RUBBERS  |
|            | 07:00 - 11:00 | 4.00  | DRL   | 1           | DRLG F/ 12723 T/ 12728  |
|            | 11:00 - 12:00 | 1.00  | CIRC  | 7           | CIRC BOTTOMS UP & BUILD TRIP PILL                                     |
|            | 12:00 - 20:00 | 8.00  | TRP   | 12          | FLOW CHECK, DROP SURVEY, PUMP SLUG & POOH                             |
|            | 20:00 - 21:00 |       | TRP   | 10          | C/O BIT & MOTOR   |
|            | 21:00 - 06:00 |       | TRP   | 10          | RUN IN HOLE, SLM, PIPE TALLY 30 FT SHORT OF JOINT COUNT               |
|            | 06:00 -       | 3.00  | 1131  | '0          | TROPING TO LET ALL SOUT OF SOUT GOOD TO                               |
| 14/00/0007 | i             | 4.00  | DEAN  |             | MACHED AND DEAMED FROM 40070 TO 407001                                |
| 11/26/2007 | 06:00 - 07:00 |       | REAM  | 1           | WASHED AND REAMED FROM 12679 TO 12728'.                               |
|            | 07:00 - 08:30 | 1.50  | CIRC  | 1           | CIRCULATED TRIP GAS THROUGH THE CHOKE W/ CASING PRESSURE MAX          |
|            |               |       |       |             | 455 PSI AND 4460 UNITS GAS.   |
|            | 08:30 - 10:30 |       | DRL   | 1           | DRILLED FROM 12728 TO 12766'.   |
|            | 10:30 - 11:00 | 0.50  | RIG   | 1           | SERVICED RIG AND TOP DRIVE.   |
|            | 11:00 - 06:00 | 19.00 |       | 1           | DRILLED FROM 12766 TO 13021'.   |
| 1/27/2007  | 06:00 - 06:30 | 1     | DRL   | 1           | DRILLED FROM 13021 TO 13026'.   |
|            | 06:30 - 07:00 |       | RIG   | 2           | CIRCULATED AND REPAIRED ELECTRICAL SYSTEM.                            |
|            | 07:00 - 10:00 |       | DRL   | 1           | DRILLED FROM 13026 TO 13089'.   |
|            |               | l .   |       | 1           |   |
|            | 10:00 - 10:30 |       | RIG   | 1           | SERVICED RIG AND TOP DRIVE.   |
|            | 10:30 - 20:30 | 10.00 |       | 1           | DRILLED FROM 13089' TO 13223'.  |
|            | 20:30 - 23:30 | 3.00  | CIRC  | 1           | SHUT IN AND KILLED WELL THROUGH CHOKE. SHUT IN CASING PSI 125 PSI.    |
|            |               |       |       |             | RAISED MUD WEIGHT FROM 11.9 TO 12.2#/ GAL.                            |
|            | 23:30 - 06:00 | 6.50  | DRL   | 1           | DRILLED FROM 13223 TO 13332'.   |
| 1/28/2007  | 06:00 - 17:30 | 11.50 | DRL   | 1           | DRILLED FROM 13332 TO 13510'.   |
|            | 17:30 - 18:00 |       | RIG   | 1           | SERVICED RIG AND TOP DRIVE.   |
|            | 18:00 - 06:00 |       | DRL   | 1           | DRILLED FROM 13510 TO 13650'.   |
| 1/29/2007  | 06:00 - 09:30 | 1     | DRL   | 1           | DRILL FROM 13650 TO 13713'.   |
| 112312001  |               | 1     | 1     |             |   |
|            | 09:30 - 10:00 | 1     | RIG   | 1           | SERVICE RIG AND TOP DRIVE.  |
|            | 10:00 - 20:30 | 10.50 | DRL   | 1           | DRILLED FROM 13713 TO 13832'.   |
|            |               |       |       |             |   |
|            |               |       |       |             |   |
|            |               |       |       |             |   |
|            |               |       |       |             |   |

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#### Questar E & P

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26- 8-S 22-E 26

Rig Name: UNIT

Spud Date:

10/20/2007

Rig Release: 12/13/2007 Rig Number: 232

| Date         | From - To     | Hours | Code | Sub<br>Code | Description of Operations   |
|--------------|---------------|-------|------|-------------|---|
| 11/29/2007   | 20:30 - 22:00 | 1.50  | CIRC | 1           | CIRCULATED AND BUILT PILL.  |
|              | 22:00 - 03:30 | 5.50  | TRP  | 13          | TRIPPED OUT FOR MUD MOTOR FAILURE.  |
|              | 03:30 - 04:30 | 1.00  | TRP  | 1           | LAYED DOWN MOTOR AND BIT, UP NEW MOTOR AND BIT.   |
|              | 04:30 - 06:00 |       | TRP  | 2           | TRIPPED IN THE HOLE WITH NEW MOTOR AND BIT.   |
| 11/30/2007   | 06:00 - 10:00 |       | TRP  | 12          | TRIPPED IN THE HOLE FILLED @ 5000' AND SHOE.  |
|              | 10:00 - 10:30 |       | REAM | 1           | WASHED FROM13742 TO 13832'.   |
|              | 10:30 - 17:30 |       | DRL. | 1           | DRILLED FROM 13832 TO 13900'.   |
|              | 17:30 - 18:00 |       | RIG  | 1           | SERVICED RIG AND TOP DRIVE.   |
|              | 18:00 - 06:00 | 12.00 |      | 1           | DRILLED FROM 13900 TO 14005'.   |
| 12/1/2007    | 06:00 - 10:30 | 1     | DRL  | 1           | DRILLED FROM 14005 TO 14070'.   |
| 12/ 1/2007   | 10:30 - 11:00 | 1     | RIG  | 1           | SERVICED RIG AND TOP DRIVE.   |
|              | 11:00 - 06:00 | 19.00 |      | 1           | DRILLED FROM 14070 TO 14235'.   |
| 12/2/2007    | 06:00 - 17:30 | 11.50 | l    | 1           | DRILLED FROM 14235 TO 14360'.   |
| 12/2/2007    |               |       | RIG  | 1           |   |
|              | 17:30 - 18:00 |       |      |             | SERVICED RIG AND TOP DRIVE.   |
| 10/0/007     | 18:00 - 06:00 | 12.00 | 1    | 1           | DRILLED FROM 14360 TO 14495'.   |
| 12/3/2007    | 06:00 - 12:30 |       | DRL  | 1           | DRILLED FROM 14495 TO 14550'.   |
|              | 12:30 - 15:00 |       | LOC  | 7           | CIRCULATED AND CLEANED SUCTION AND PILL TANKS W/ BADGER.  |
|              | 15:00 - 17:30 |       | DRL  | 1           | DRILLED FROM 14550 TO 14575'.   |
|              | 17:30 - 18:00 | 0.50  | I    | 1           | SERVICED RIG AND TOP DRIVE.   |
|              | 18:00 - 06:00 | 12.00 | DRL  | 1           | DRILLED FROM 14575 TO 14690'.   |
| 12/4/2007    | 06:00 - 17:30 | 11.50 | DRL  | 1           | DRILLED FROM 14690 TO 14785'.   |
|              | 17:30 - 18:00 | 0.50  | RIG  | 1           | SERVICED RIG AND TOP DRIVE.   |
|              | 18:00 - 06:00 | 12.00 | DRL  | 1           | DRILLED FROM 14785 TO 14890'.   |
| 12/5/2007    | 06:00 - 12:00 | 6.00  | DRL  | 1           | DRLG F/ 14890 T/ 14946  |
|              | 12:00 - 12:30 | 0.50  | RIG  | 1           | RIG SERVICE   |
|              | 12:30 - 17:00 |       | DRL  | 1           | DRLG F/ 14946 T/ 14927  |
|              | 17:00 - 18:00 | 1.00  | CIRC | 1           | CIRC BOTTOMS UP & BUILD SLUG  |
|              | 18:00 - 19:00 |       | SUR  | 1           | DROP SURVEY & PUMP SLUG   |
|              | 19:00 - 02:00 | 1     | TRP  | 2           | FLOW CHECK & POOH   |
|              | 02:00 - 03:00 |       | TRP  | 2           | C/O MOTOR & BIT   |
|              | 03:00 - 06:00 |       | TRP  | 2           | RIH, TEST MOTOR   |
| 12/6/2007    | 06:00 - 10:00 |       | TRP  | 2           | RUN IN HOLE   |
| 12/0/2007    |               | 1     |      |             |   |
|              | 10:00 - 11:00 | 1     | RIG  | 6           | CUT DRLG LINE   |
|              | 11:00 - 13:30 | 1     | TRP  | 2           | RUN IN HOLE   |
|              | 13:30 - 15:30 | 1     | REAM | 1           | WASH & REAM F/ 14762 T/ 14972   |
|              | 15:30 - 17:30 | 1     | DRL  | 1           | DRLG F/ 14972 T/ 14989  |
|              | 17:30 - 18:30 | 1     | RIG  | 2           | C/O SAVER SUB & L/D 1 JT DP   |
|              | 18:30 - 06:00 | 11.50 | DRL  | 1           | DRLG F/ 14989 T/ 15058 DRLG WITH A .17 MOTOR; DHRPM 34, TDRPM 40,                                       |
|              |               |       |      |             | WOB 8,  |
| 12/7/2007    | 06:00 - 13:00 | 7.00  | DRL  | 1           | DRLG F/ 15058 T/ 15138 WOB 8; DHRPM 35; TDRPM 40; MW 14; NO GAS; LCM                                    |
|              |               |       |      |             | 2%; MOTOR .17   |
|              | 13:00 - 13:30 | 0.50  | RIG  | 1           | RIG SERVICE   |
|              | 13:30 - 02:00 | 12.50 | DRL  | 1           | DRLG F/ 15138 T/ 15235 ; SAME AS ABOVE  |
|              | 02:00 - 03:30 |       | FISH | 6           | WORK TIGHT HOLE F/15171 T/ 15235 BIT STUCK @ 15216 WHILE BACK   |
|              |               |       |      |             | REAMING FOR CONN F/15235 T/ 15138   |
|              | 03:30 - 06:00 | 2.50  |      |             | DRLG F/ 15235 T/ 15245  |
| 12/8/2007    | 06:00 - 02:00 | 20.00 |      | 1           | DRLG F/ 15245 T/ 15334 WOB 8/12; DHRPM 35; TDRPM 40; MW 14; NO GAS;                                     |
| , ., _, _, , | 30.00 02.00   |       |      | 1           | LCM 2.7% MOTOR .17G/R   |
|              | 02:00 - 02:30 | 0.50  | RIG  | 1           | RIG SERVICE & SPR   |
|              | 02:30 - 06:00 |       | DRL  | 1           | DRLG F/ 15334 T/15355; SAME AS ABOVE  |
| 12/9/2007    | 06:00 - 08:00 | 1     | DRL  | 1           | DRLG F/ 15354 1715355, SAME AS ABOVE DRLG F/ 15355 T/ 15373 WOB 12, PUMP STK 70; DHRPM 35, TDRPM 40, MW |
| 12/8/2007    | 00.00 - 00.00 | 2.00  | DKL  | '           |   |
|              | 00.00 40.00   | 0.00  | CIDO |             | 14, NO GAS, LCM 2.7%  |
|              | 08:00 - 10:00 | 2.00  | CIRC | 2           | LOST CIRC @ 15373 LOST 61 BBL, PICKED UP 30' AND REDUSED STROKES  |
|              |               |       |      |             |   |

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#### Questar E & P

#### **Operations Summary Report**

Well Name: WRU EIH 9CD-26-8-22

Location: 26-8-S 22-E 26

Rig Name: UNIT

 Spud Date:
 10/20/2007

 Rig Release:
 12/13/2007

 Rig Number:
 232

| Date        | From - To     | Hours | Code | Sub<br>Code | Description of Operations   |
|-------------|---------------|-------|------|-------------|---|
| 12/9/2007   | 08:00 - 10:00 | 2.00  | CIRC | 2           | TO 49 STK & REGAINED RETURNS. BUILT 100 BBL LCM PILL, RETURNED TO BOTTOM PULLING MUD FROM THE SLUG TANK AND THE ACTIVE AT THE |
|             |               |       |      |             | SAME TIME. TOTAL MUD LOST OVER 2 HR 282 BBL   |
|             | 10:00 - 14:00 | 4.00  | DRL  | 1           | DRLG F/ 15373 T/ 15401 WOB 12, STK 65,DHRPM 33, TDRPM 42, MW 14,  |
|             | 14:00 - 17:00 | 3.00  | CIRC | 1           | FLOW CHECK, CIRCULATE, BUILD DRY SLUG, DROP SURVEY, PUMP SLUG   |
|             | 17:00 - 18:00 | 1.00  | TRP  | 2           | TD @15401 CALLED BY GEOLOGIST, SHORT TRIP 10 STANDS   |
|             | 18:00 - 19:30 | 1.50  | REAM | 1           | WASH AND REAM F/ 15231 TO BOTTOM  |
|             | 19:30 - 23:30 | 1     | CIRC | 1           | CIRCULATE 2 TIMES BOTTOMS UP, FLOW CHECK, BUILD DRY SLUG, PUMP SLUG, MAX BU GAS 2520 GAS UNITS                                |
|             | 23:30 - 06:00 | 6.50  | TRP  | 2           | TRIP OUT OF HOLE  |
| 12/10/2007  | 06:00 - 07:30 |       | TRP  | 2           | POOH FOR LOGS, SLM 15404'   |
| 12/10/2007  | 07:30 - 14:30 | 1     | LOG  | 1           | HOLD SAFTY MTG & RUN WIRE LINE LOGS & R/D SAME  |
|             |               |       |      |             |   |
|             | 14:30 - 19:00 | 1     | TRP  | 2           | L/D MONEL, M/U BIT & BIT SUB & RIH  |
|             | 19:00 - 19:30 |       | TRP  | 2           | TIH/FILL EVERY 30 STDS, DP PRESSURED UP WHEN TRYING TO BREAK CIRCULATION  |
|             | 19:30 - 23:00 | 3.50  | TRP  | 2           | POOH WET, BREAK OFF BIT, AND BIT SUB, CHOKE PLUGGED W/ CEDAR LCM  |
|             | 23:00 - 00:00 | 1     | RIG  | 1           | POWER WASH RIG FLOOR, MOVE PREMIX TO SLUG TANK TO FILL DP   |
|             | 00:00 - 06:00 | 6.00  | TRP  | 2           | TIH   |
| 12/11/2007  | 06:00 - 09:00 | 3.00  | TRP  | 2           | RIH AFTER LOGS  |
|             | 09:00 - 12:00 | 3.00  | REAM | 1           | SAFETY WASH & REAM F/15121 T/ 15401   |
|             | 12:00 - 14:00 | 1     | CIRC | 1           | CIRC, PUMP 100 BBL HIGH VIS SWEEP OUT, FLOW CHECK   |
|             | 14:00 - 17:00 |       | TRP  | 14          | SHORT TRIP F/ 15401 T/ 13000, TO WIPE OUT LOGGING PROBLEM @ 13500   |
|             | 17:00 - 20:30 |       | CIRC | 1           | CIRC BOTTOMS UP, BUILD AND PUMP HIGH VISC SWEEP, HIGH TEMP SLUG   |
|             |               |       |      |             | AND DRY PIPE PILL, MAX GAS BTMS UP 2000 GAS UNITS   |
|             | 20:30 - 21:00 |       | RIG  | 7           | SAFETY MTG & R/U DP LAY DOWN CREW   |
|             | 21:00 - 06:00 |       | TRP  | 1           | TOOH LAYING DOWN DP   |
| 12/12/2007  | 06:00 - 12:30 |       | TRP  | 2           | POOH LAYING DOWN DP & BHA   |
|             | 12:30 - 13:00 |       | RIG  | 1           | CLEAN FLOOR AND READY TOP DRIVE FOR CASING CREW   |
|             | 13:00 - 15:00 | 2.00  | CSG  | 1           | RU CASING CREW, SAFETY MEETING  |
|             | 15:00 - 06:00 | 15.00 | CSG  | 2           | INSTALL CASING SHOE, FLOAT COLLAR AND RUN 4.5 CSG, BREAK CIRC @ 5000, 10000 AND 13500   |
| 12/13/2007  | 06:00 - 07:00 | 1.00  | REAM | 1           | WASH 60' F/ 15277 T/ 15377, COULD NOT PASS 15337  |
| 12, 10,2001 | 07:00 - 11:30 |       | CIRC | 1           | CIRC & COND MUD @ 15337   |
|             | 11:30 - 12:30 |       | CIRC | 1           | HOLD SAFETY MTG & R/D CASING & LAY DOWN CREWS WHILE CIRC  |
|             | 12:30 - 13:00 | 1     | CSG  | 1           | L/D FILL TOOL & BLOW DOWN KELLY   |
|             |               | 1     | 1    | 1           |   |
|             | 13:00 - 14:00 |       | CMT  | 1           | HOLD SAFETY MTG & RIG UP HALLIBURTON  |
|             | 14:00 - 16:00 |       | CMT  | 2           | CEMENT 4 1/2" CSG, 25 BBL TUNE SPACER & 820 SX CEMENT   |
|             | 16:00 - 17:00 |       | CMT  | 1           | HOLD SAFETY MTG & RIG DOWN HALLIBURTON  |
|             | 17:00 - 20:00 |       | CSG  | 7           | READY STACK TO SET SLIPS  |
|             | 20:00 - 22:00 | 2.00  | CSG  | 7           | SAFETY MEETING W/ CAMERON, STRING WEIGHT 150K SET SLIPS W/180K, SET STACK DOWN AND 4 POINT SAME                               |
|             | 22:00 - 23:00 | 1.00  | CSG  | 6           | RIG DOWN LIFT TRUCK   |
|             | 23:00 - 00:00 |       | CSG  | 1           | L/D BAILS & ELEVATORS   |
|             | 00:00 - 03:30 |       | LOC  | 7           | L/D TOP DRIVE, SWIVEL & CLEAN MUD PITS  |
|             | 03:30 - 06:00 |       | LOC  | 7           | BLOW OUT CHOKE MAN & CLEAN MUD TANKS  |
| 12/14/2007  | 06:00 - 18:00 |       | LOC  | 4           | CLEAN MUD TANKS 12HR RIG DOWN RIG AND EQUIPMENT, R/D SERVICE  |
| 12/17/2007  | 00.00 - 10.00 | 12.00 | 200  |             | LOOP & TRACK: RIG RELEASED @ 1800 HR  |
|             | 18:00 - 06:00 | 12.00 | LOC  | 4           | RIG DOWN, L/D RAIL, WINTERIZING& FLOOR 5% RIGED DOWN  |
|             |               |       |      |             |   |
|             |               |       |      |             |   |

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#### Questar E & P

#### **Operations Summary Report**

Well Name: RW 34-27ADR ST1 Location: 27- 7-S 22-E 26

Rig Name: BILL JR.

Spud Date:

8/9/2007 Rig Release: 8/9/2007 Rig Number: 3

| Date       | From - To     | Hours | Code  | Sub<br>Code | Description of Operations   |
|------------|---------------|-------|-------|-------------|---|
| 11/25/2007 | 04:00 - 05:00 | 1.00  | TRP   | 1           | LD WHIP STOCK   |
|            | 05:00 - 05:30 | 0.50  | TRP   | 1           | PICK UP BIT AND BIT SUB   |
|            | 05:30 - 06:00 | 0.50  | OTH   |             | CLEAN FLOOR FOR TRIP IN   |
| 1/26/2007  | 06:00 - 06:30 | 0.50  | TRP   | 15          | FUNCTION ALL BOP EQUIPMENT AS PER BLM REQUIRMENTS - TRIP IN BHA                                       |
|            | 00 00 07 00   | 4.00  | DIO   |             | AND FILL  |
|            | 06:30 - 07:30 |       | RIG   | 1           | SERVICE RIGAND TOP DRIVE  |
|            | 07:30 - 13:30 | 1     | TRP   | 15          | TRIP IN TO HOLE FILLING EVERY 30 STANDS TO SHOE   |
|            | 13:30 - 15:00 | E .   | RIG   | 6           | CUT DRILL LINE - 162'   |
|            | 15:00 - 18:00 |       | TRP   | 15          | TRIP IN TO HOLE (16500')  |
|            | 18:00 - 18:30 |       | TRP   | 15          | TRIP IN TO HOLE SLOWLY UNTIL WE TAGGED  |
|            | 18:30 - 19:00 | 0.50  | REAM  | 1           | WORK PIPE THREE TIMES TO TOP OF TAG - SET 15K OVER EACH TIME WITH NO MOVEMENT                         |
|            | 19:00 - 22:30 | 3.50  | CIRC  | 1           | CIRCULATE GAS OUT AND CONDITION MUD   |
|            | 22:30 - 03:00 | i     | TRP   | 15          | TRIP OUT  |
|            | 03:00 - 03:30 |       | ВОР   | 1           | PULL RT HEAD  |
|            | 03:30 - 05:00 | 1     | TRP   | 15          | FINISH TRIP OUT - 21.6 BBLS EXTRA ON TRIP SHEET   |
|            | 05:00 - 05:30 |       | TRP   | 1           | LD JARS - BITB-B-BIT SUB  |
|            | 05:30 - 06:00 |       | TRP   | 1           | START PICKING UP WHIP STOCK   |
| 11/27/2007 | 06:00 - 07:30 |       | TRP   | 1           | FINISH PICKING UP WHIP STOCK AND RESET CIRC. ASSEMBLY   |
|            | 07:30 - 08:30 | 1     | отн   |             | HOLD SAFETY MEETING ON RUNNING WHIP STOCK AND CLEAN FLOOR FOR   |
|            | 00.00 47.00   | 0.00  | TOO   |             | TRIP IN   |
|            | 08:30 - 17:30 |       | TRP   | 2           | TRIP INTO HOLE SLOWLY - DEPTH = 10800 AT 1730   |
|            | 17:30 - 18:00 | 1     | OTH   |             | PUMP 93 BBLS FROM TRIP TANK TO ACTIVE   |
|            | 18:00 - 23:30 | 1     | TRP   | 2           | FINISH TRIP TO BOTTOM WITH WHIP STOCK - 17145'  |
|            | 23:30 - 01:30 | 1     | CIRC  | 1           | CYCLE TOOL TRYING TO GET TOOL TO BLOCK OFF WITH NO LUCK   |
|            | 01:30 - 04:00 |       | CIRC  | 1           | CIRCULATE GAS OUT - BUILD PILL - FILL TRIP TANK   |
|            | 04:00 - 04:30 | 1     | CIRC  | 1           | CYCLE TOOL WITH NO LUCK AGAIN - PUMP TRIP SLUG  |
|            | 04:30 - 06:00 |       | TRP   | 13          | TRIP OUT OF HOLE BECAUSE OF FAULTY WHIP STOCK   |
| 11/28/2007 | 06:00 - 15:30 |       | TRP   | 2           | TRIP OUT OF HOLE WITH WHIP STOCK SLOWLY   |
|            | 15:30 - 16:30 | 1     | TRP   | 1           | LD WHIP STOCK   |
|            | 16:30 - 17:00 | 1     | отн   |             | CLEAN FLOOR   |
|            | 17:00 - 18:00 | 1     | RIG   | 6           | CUT 90' DRILL LINE  |
|            | 18:00 - 18:30 | 1     | RIG   | 6           | FINISH CUTTING DRILL LINE   |
|            | 18:30 - 19:30 | 1.00  | RIG   | 1           | SERVICE RIG AND TOP DRIVE - FUNCTION ALL BOP EQUIPMENT AS REQUIRED BY BLM                             |
|            | 19:30 - 03:00 | 7.50  | WOT   | 4           | WAIT ON WHIP STOCK TOOLS AND MONITOR WELL ON TRIP TANK  |
|            | 03:00 - 06:00 | 3.00  | TRP   | 1           | PUT TOOLS TOGETHER AND RUN THREW CYCLES - PUT SCREEN ON PIPE SCREEN AND SCREEN ON TRIP TANK FILL HOSE |
| 11/29/2007 | 06:00 - 07:00 | 1 00  | DRL   | 7           | SURFACE TEST WHIPSTOCK  |
| 11/23/2007 | 07:00 - 15:30 |       | TRP   | 2           | TRIP IN SLOWLY WITH WHIPSTOCK, FILL PIPE EVERY 3000', INSTALLED ROT.                                  |
|            | 07.00 - 10.30 | 0.50  | 1131- | -           | HEAD @ CSG. SHOE  |
|            | 15:30 - 16:00 | 0.50  | DRL   | 7           | SET WHIPSTOCK (ANCHOR SET @ 17145', TOP @ 17130')   |
|            | 16:00 - 16:30 |       | DRL   | 7           | DRESS WHIPSTOCK & DRILL 2' OF NEW HOLE  |
|            | 16:30 - 19:30 |       | CIRC  | 1           | CIRC. BOTTOMS UP  |
|            | 1             | 1     | TRP   | 2           | PUMP TRIP SLUG & TRIP OUT   |
|            | 19:30 - 03:30 |       | TRP   | 1           | LAY DOWN WHIPSTOCK RUNNING TOOL, FUNCTIONED BLIND RAMS  |
|            | 03:30 - 04:30 |       | I     |             | Ţ   |
|            | 04:30 - 05:30 |       | TRP   | 1           | PICK UP MUD MOTOR & SURFACE TEST (OK)   |
| 4410010007 | 05:30 - 06:00 |       | TRP   | 2           | TRIP IN BHA   |
| 11/30/2007 | 06:00 - 14:00 |       | TRP   | 2           | TRIP IN, BREAK CIRC. EVERY 3000', INSTALL ROT. HEAD @ CSG. SHOE, LAYED DOWN 1 JT OF WASHED DP         |
|            | 14:00 - 14:30 |       | REAM  | 1           | WASH DOWN 95' TO TOP OF WHIPSTOCK @ 17130'  |
|            | 14:30 - 15:30 | 1.00  | RIG   | 1           | LUBRICATE RIG & TOP DRIVE & CHANGE FÜEL FILTERS ON TOP DRIVE MOTOR, FUNCTIONED TOP PIPE RAMS          |
|            |               |       |       |             | MOTOR, FUNCTIONED TOP PIPE RAMS   |

Printed: 1/3/2008 7:57:43 AM

#### **Operations Summary Report**

Well Name: RW 34-27ADR ST1 Location: 27- 7-S 22-E 26 Rig Name: BILL JR.

Spud Date: 8/9/2007

Rig Release: 8/9/2007 Rig Number: 3

| Rig Name.  | DILL JK.      |       |      |             | Rig Number. 3   |  |  |  |
|------------|---------------|-------|------|-------------|---|--|--|--|
| Date       | From - To     | Hours | Code | Sub<br>Code | Description of Operations   |  |  |  |
| 11/30/2007 | 15:30 - 16:00 | 0.50  | REAM | 1           | WORK BIT THRU WHIPSTOCK   |  |  |  |
|            | 16:00 - 20:00 | 4.00  | DRL  | 1           | DRILL F/ 17130'-17160, WOB- 8-10K, RPM- 105 COMBINED, GPM- 214, MW-     |  |  |  |
|            |               |       |      |             | 15.1, VIS- 55, RUNNING DIESEL & WATER @ 1 GPM EACH TO HELP LOWER        |  |  |  |
|            |               |       |      |             | MW, WILL LOWER MW TO 14.8, BG GAS- 200u, TRIP GAS- 4650u W/ 10' FLARE,  |  |  |  |
|            |               |       |      |             | NO LOSSES   |  |  |  |
|            | 20:00 - 21:30 | 1.50  | RIG  | 2           | REPLACE FAN BELT ON TOP DRIVE MOTOR                                     |  |  |  |
|            | 21:30 - 06:00 | 8.50  | DRL  | 1           | DRILL F/ 17160'-17185', WOB- 8-15K, RPM- 105 COMBINED, GPM- 214, MW-    |  |  |  |
|            |               |       |      |             | 14.9, VIS- 50, BG GAS- 50u, NO LOSSES (#1 PUMP IS DOWN, MAIN LEAD       |  |  |  |
|            |               |       |      |             | BURNED OFF GOING INTO TRACTION MOTOR, ELECTRICIAN WILL HAVE             |  |  |  |
|            |               |       |      |             | PARTS THIS MORNING)   |  |  |  |
| 12/1/2007  | 06:00 - 09:30 | 3.50  | DRL  | 1           | DRILL F/ 17185'-17200', WOB- 12-16K, RPM-105-115 COMBINED,GPM- 214-234, |  |  |  |
|            |               |       |      |             | TRIED VARYING WOB, RPM & GPM TO GET BETTER ROP BUT COULD NOT            |  |  |  |
|            |               |       |      |             | GET BIT TO DRILL  |  |  |  |
|            | 09:30 - 11:00 | 1.50  | CIRC | 1           | CIRC., MIX TRIP SLUG & FILL TRIP TANK                                   |  |  |  |
|            | 11:00 - 20:00 | 9.00  | TRP  | 10          | PUMP TRIP SLUG & TRIP OUT FOR BIT, PULLED ROT. HEAD @ CSG. SHOE,        |  |  |  |
|            |               |       |      |             | FUNCTIONED COM  |  |  |  |
| ı          | 20:00 - 21:00 | 1.00  | TRP  | 1           | BREAK BIT, LAY DOWN MUD MOTOR & CLEAN FLOOR, FUNCTIONED BLIND           |  |  |  |
|            |               |       |      |             | RAMS  |  |  |  |
|            | 21:00 - 22:00 | 1.00  | RIG  | 1           | LUBRICATE RIG & TOP DRIVE   |  |  |  |
|            | 22:00 - 23:00 | 1.00  | TRP  | 1           | WAIT ON HIGH SPEED MUD MOTORS (LATE DUE TO WEATHER & ROAD               |  |  |  |
|            |               |       |      |             | CONDITIONS)   |  |  |  |
|            | 23:00 - 01:00 | 2.00  | TRP  | 1           | STRAP & CALIPER, PICK UP & SURFACE TEST MUD MOTORS (1ST MUD             |  |  |  |
|            |               |       |      |             | MOTOR TESTED WAS BAD, 2ND TESTED OK)                                    |  |  |  |
|            | 01:00 - 06:00 | 5.00  | TRP  | 10          | TRIP IN, BREAK CIRC. AFTER BHA THEN EVERY 3000'                         |  |  |  |
| 12/2/2007  | 06:00 - 09:00 | 3.00  | TRP  | 10          | TRIP IN TO WHIPSTOCK, INSTALLED ROT. HEAD @ CSG SHOE                    |  |  |  |
|            | 09:00 - 09:30 | 0.50  | REAM | 1           | WORK BIT THRU WHIPSTOCK   |  |  |  |
|            | 09:30 - 10:30 | 1.00  | RIG  | 1           | LUBRICATE RIG & TOP DRIVE, REPLACE BROKEN HOSE ON LINK TILT,            |  |  |  |
|            |               |       |      |             | FUNCTION LOWER PIPE RAMS  |  |  |  |
|            | 10:30 - 13:00 | 2.50  | REAM | 1           | WASH & REAM 70' TO BOTTOM, WOB- 1-2K, RPM- 570 COMBINED, GPM- 234,      |  |  |  |
|            |               |       |      |             | MW- 14.9, VIS- 50, BG GAS- 200u, TRIP GAS- 4980u WITH 18' FLARE         |  |  |  |
|            | 13:00 - 06:00 | 17.00 | DRL  | 1           | DRILL F/ 17200'-17285', WOB- 4-12K, RPM- 575 COMBINED, GPM- 234, MW-    |  |  |  |
|            |               | İ     |      |             | 14.8, VIS- 50, BG GAS- 120u, CONN GAS- 5500u, NO LOSSES                 |  |  |  |
| 12/3/2007  | 06:00 - 15:00 | 9.00  | DRL  | 1           | DRILL F/ 17285'-17321', WOB- 6-10K, RPM- 575 COMBINED, GPM- 234, MW-    |  |  |  |
|            |               |       |      |             | 14.8, VIS- 50, BG GAS- 100u, NO LOSSES                                  |  |  |  |
|            | 15:00 - 16:00 | 1.00  | RIG  | 1           | LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & COM                       |  |  |  |
|            | 16:00 - 06:00 | 14.00 | DRL  | 1           | DRILL F/ 17321'-17376', WOB- 5-10K, DIFF. PRESS- 250-300, RPM- 575      |  |  |  |
|            |               |       |      |             | COMBINED, GPM- 234, MW- 14.7, VIS- 48, BG GAS- 45u, CONN GAS- 4750u, NO |  |  |  |
|            |               |       |      |             | LOSSES  |  |  |  |
| 12/4/2007  | 06:00 - 09:30 | 3.50  | DRL  | 1           | DRILL F/ 17376'-17386', WOB- 5-10K, RPM- 575 COMBINED, GPM- 234, MW-    |  |  |  |
|            |               |       |      |             | 14.7, VIS- 50, BG GAS- 45u, NO LOSSES                                   |  |  |  |
|            | 09:30 - 10:30 |       | RIG  | 1           | LUBRICATE RIG & TOP DRIVE, FUNCTION LOWER PIPE RAMS & COM               |  |  |  |
|            | 10:30 - 15:00 |       | DRL  | 1           | DRILL F/ 17386'-17400' (TD), DRILL WITH SAME PARAMETERS, MW & VIS       |  |  |  |
|            | 15:00 - 17:00 | 1     | CIRC | 1           | CIRCULATE BOTTOMS UP  |  |  |  |
|            | 17:00 - 21:00 | 4.00  | TRP  | 14          | SHORT TRIP 10 STDS, WORK THRU TIGHT HOLE & BACK REAM F/                 |  |  |  |
|            | 1             |       |      |             | 17280'-17130'   |  |  |  |
|            | 21:00 - 23:30 | 1     | CIRC | 1           | CIRCULATE BOTTOMS UP, MIX TRIP SLUG                                     |  |  |  |
|            | 23:30 - 05:30 | 1     | TRP  | 2           | FLOW CHECK, PUMP TRIP SLUG & TRIP OUT F/ LOGS                           |  |  |  |
|            | 05:30 - 06:00 | 0.50  | CIRC | 1           | CAME WET @ 6100', DROP BALL & OPEN CIRC. SUB, MIX 25 BBL PILL @ 1#      |  |  |  |
|            |               |       |      |             | OVER  |  |  |  |
| 12/5/2007  | 06:00 - 09:00 | 1     | TRP  | 2           | TRIP OUT F/ LOGS, LAY DOWN MUD MOTOR & CIRC. SUB                        |  |  |  |
|            | 09:00 - 11:30 | 2.50  | LOG  | 1           | HOLD SAFETY MEETING & RIG UP SCHLUMBERGER WIREINE LOGGING               |  |  |  |
| 1          | 44.00 00:00   | 0.00  | 1.00 | 4           | TOOLS  DUN MUDELINE LOCS MUTH SCHILLIMPEDCED (DEV & SONIC DIDOLE E/     |  |  |  |
|            | 11:30 - 20:30 | 9.00  | LOG  | 1           | RUN WIRELINE LOGS WITH SCHLUMBERGER (PEX & SONIC DIPOLE F/              |  |  |  |
|            |               |       |      |             |   |  |  |  |
|            | 1             |       |      |             |   |  |  |  |
|            |               |       |      |             |   |  |  |  |

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#### Page 28 of 28

#### Questar E & P

#### **Operations Summary Report**

Well Name: RW 34-27ADR ST1 Location: 27- 7-S 22-E 26 Rig Name: BILL JR.

Spud Date:

8/9/2007

Rig Release: 8/9/2007 Rig Number: 3

| Date       | From - To     | Hours | Code | Sub<br>Code | Description of Operations  |
|------------|---------------|-------|------|-------------|--|
| 12/5/2007  | 11:30 - 20:30 | i .   | LOG  | 1           | 17120-12800 & GAMMA RAY & CASED HOLE NEUTRON F/ 12800-6250)  |
|            | 20:30 - 21:00 |       | LOG  | 1           | RIG DOWN LOGGERS   |
|            | 21:00 - 23:00 | 2.00  | TRP  | 1           | HOLD SAFETY MEETING WITH SCLUMBERGER LWD HANDS & PICK UP LWD TOOL  |
|            | 23:00 - 06:00 | 7.00  | TRP  | 2           | TRIP IN, BREAK CIRC. AFTER BHA THEN EVERY 2000' TO 10000', THEN EVERY 1000'  |
| 12/6/2007  | 06:00 - 07:30 | 1 50  | CIRC | 1           | INSTALL ROT. HEAD & CIRC. BOTTOMS UP   |
| 12/0/2007  | 07:30 - 09:00 |       | RIG  | 6           | CUT DRLG LINE, RESET COM   |
|            | 09:00 - 10:00 | l .   | RIG  | 1           | LUBRICATE RIG & TOP DRIVE, FUNCTION ANNULAR & READJUST BRAKES  |
|            | 10:00 - 13:00 |       | TRP  | 2           | TRIP IN, BREAK CIRC. EVERY 1000'   |
|            | 13:00 - 15:30 |       | LOG  | 1           | LOG DOWN WITH SCHLUMBERGER LWD TOOL F/ 16850'-17400'   |
|            | 15:30 - 19:30 |       | CIRC | 1           | CIRC. & CONDITION MUD  |
|            | 19:30 - 20:30 |       | LOG  | 1           | TRIP OUT 10 STDS, REPEAT LOG F/ 17400'-16900'  |
|            | 20:30 - 06:00 |       | TRP  | 3           | PUMP TRIP SLUG & LAY DOWN DP   |
| 12/7/2007  | 06:00 - 11:30 |       | TRP  | 3           | LAY DOWN DP & BHA  |
| 2,112001   | 11:30 - 12:30 |       | TRP  | 1           | LAY DOWN LWD TOOL & XO SUBS  |
|            | 12:30 - 13:30 |       | TRP  | 3           | PULL WEAR BUSHING  |
|            | 13:30 - 14:30 | Į.    | RIG  | 1           | LUBRICATE RIG & TOP DRIVE, CLEAR FLOOR OF ROT. TOOLS   |
|            | 14:30 - 15:00 | 1     | RIG  | 7           | HOLD SAFETY MEETING WITH ROCKY MTN CSG CREW  |
|            | 15:00 - 18:00 | l .   | CSG  | 1           | RIG UP CSG CREW  |
|            | 18:00 - 06:00 |       | CSG  | 2           | RUN 4 1/2" CSG, FILL & BREAK CIRC. EVERY 1500'   |
| 12/8/2007  | 06:00 - 10:00 |       | CSG  | 2           | RUN 4 1/2" CSG   |
| ZIOIZOOI   | 10:00 - 10:30 |       | CIRC | 1           | WASH DOWN 30' TO BOTTOM, NO FILL   |
|            | 10:30 - 17:00 |       | CIRC | 1           | CIRC. CSG. & LOWER MW FROM 14.9-14.7, VIS- 52  |
|            | 17:00 - 18:00 | 1     | CMT  | 1           | HOLD SAFETY MEETING WITH HALLIBURTON CEMENTERS & RIG UP 12000#   |
|            |               |       |      |             | CEMENT EQUIPMENT   |
|            | 18:00 - 21:00 | 3.00  | CMT  | 2           | CEMENT 4 1/2" CSG, CEMENTED WITH 585 SX PREMIUM MTN. G CEMENT,   |
|            |               |       |      |             | FULL RETURNS THROUGH OUT JOB, PLUG BUMPED & FLOATS HELD.   |
|            | 21:00 - 22:00 | 1     | CMT  | 1           | RIG DOWN CEMENTERS   |
|            | 22:00 - 00:00 | 2.00  | LOC  | 7           | TRANSFER OBM FROM MUD TANKS TO OBM TANK FARM, FLUSH PUMPS, MUD LINES, BOP, CHOKE MANIFOLD & BUSTER WITH DEISEL THEN BLOW           |
|            |               |       |      | 1.          | CLEAN WITH AIR   |
|            | 00:00 - 05:00 |       | BOP  | 1           | NIPPLE DOWN BOP  |
|            | 05:00 - 06:00 |       | BOP  | 1           | HOLD SAFETY MEETING WITH B&C QUICK TEST & RIG UP BOP LIFTS, INSPECT CABLES, FOUND BAD SPOT IN CABLES, REPLACING BAD CABLES         |
| 12/9/2007  | 06:00 - 08:00 |       | BOP  | 1           | INSTALL NEW CABLES ON BOP LIFT   |
|            | 08:00 - 08:30 |       | RIG  | 7           | HOLD SAFETY MEETING WITH B&C QUICK TEST  |
|            | 08:30 - 11:30 | 1     | BOP  | 1           | LIFT STACK & SET SLIPS (SLIPS SET @ 220K STRING WT)  |
|            | 11:30 - 13:00 |       | BOP  | 1           | RIG DOWN B&C QUICK TEST  |
|            | 13:00 - 18:00 |       | LOC  | 7           | CLEAN MUD TANKS & RIG FLOOR  |
|            | 18:00 - 06:00 | 12.00 | LOC  | 7           | SLIP ON DRLG LINE & RIG DOWN TOP DRIVE, CONTINUE CLEANING MUD TANKS (BARITE IS SET UP LIKE CONCRETE IN SUCTION TANK & PREMIX TANK) |
|            | -             |       |      |             | NEW LOCATION WILL BE READY THIS EVENING, WILL FINISH PUTTING DOWN ROAD BASE ON LOCATION ROAD MONDAY MORNING, PLAN TO               |
|            |               |       |      |             | MOVE DRILL PIPE MONDAY AFTERNOON, HOUSES TUESDAY & START MOVING RIG WED. MORNING   |
| 12/10/2007 | 06:00 - 18:00 | 12.00 | LOC  | 7           | CONTINUE CLEANING MUD TANKS, FINISH RIGGING DOWN TOP DRIVE, SERVICE LOOP & TORQUE TUBE, BRIDLE UP                                  |
|            | 18:00 - 02:00 | 8.00  | LOC  | 7           | FINISH CLEANING MUD TANKS  |
|            | 02:00 -       |       | LOC  | 8           | RIG RELEASED @ 0200 12/10/07   |
|            | 02:00 - 06:00 | 4.00  | LOC  | 4           | RIG DOWN FLOOR TO LAY OVER DERRICK   |
|            | 02.00 = 00.00 | 4.00  |      |             | THE BOWN LOOK TO BUT OVER SERVINGE   |

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#### **NOTICE**

Utah Oil and Gas Conservation General Rule R649-3-21 states that,

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - · A copy of electric and radioactivity logs, if run
  - · A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

|                      | <b></b>                          |                                     |        |                  |  |
|----------------------|----------------------------------|-------------------------------------|--------|------------------|--|
| As of the mailing of | this notice, the division has no | ot received the requir              | ed rep | orts for         |  |
| Operator: Questar E  | exploration & Production Co      | Today's Date: <sup>02/14/2008</sup> |        |                  |  |
| Well:                |                                  | API Number:                         | Dril   | lling Commenced: |  |
| See Attachment       | 43 047<br>WRU EIH 90D            | 38649                               |        |                  |  |
|                      | WRU EIH 9CD                      | -26-8-22                            |        |                  |  |
|                      |                                  | 26                                  |        |                  |  |

To avoid compliance action, required reports should be mailed within 7 business days to:

Utah Division of Oil, Gas and Mining

1594 West North Temple, Suite 1210

P.O. Box 145801

Salt Lake City, Utah 84114-5801

If you have questions or concerns regarding this matter, please call (801) 538-5284.

| Well:               |               | API Number: | Commenced: |
|---------------------|---------------|-------------|------------|
| WV 5W-36-7-21       | drlg rpts/wcr | 4304734099  | 05/29/2003 |
| WV 4D-12-8-12       | drlg rpts/wcr | 4304734268  | 09/26/2003 |
| WVX 11D-22-8-21     | drlg rpts/wcr | 4304734902  | 03/15/2005 |
| WV 3DML-13-8-21     | drlg rpts/wcr | 4304737923  | 09/27/2006 |
| FR 7P-36-14-19      | drlg rpts/wcr | 4304738992  | 02/05/2007 |
| SU 8M-12-7-21       | drlg rpts/wcr | 4304736096  | 03/18/2007 |
| WV 12AD-8-8-22R     | drlg rpts/wcr | 4304739321  | 05/10/2007 |
| WRU EIH 7AD-35-8-22 | drlg rpts/wcr | 4304738641  | 06/08/2007 |
| RWS 14D-6-9-24      | drlg rpts/wcr | 4304737414  | 07/20/2007 |
| RW 34-27ADR         | drlg rpts/wcr | 4304739445  | 08/07/2007 |
| NBZ 8D-31-8-24      | drlg rpts/wcr | 4304737238  | 08/27/2007 |
| WRU EIH 6D-5-8-23   | drlg rpts/wcr | 4304738994  | 09/04/2007 |
| WRU EIH 9CD-26-8-22 | drlg rpts/wcr | 4304738649  | 10/03/2007 |

Form 3160-5 (November 1994)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

| FORM AI    | PROVED      |
|------------|-------------|
| OMB No.    | 1004-0135   |
| Expires Ju | lv 31, 1996 |

| 5. | Lease | Serial | No. |  |
|----|-------|--------|-----|--|
|    |       |        |     |  |

| SUNDRY!<br>Do not use this<br>abandoned well.   | 6. If Indian, Allottee or Tribe Name |   |              |                                  |                           |
|---|--------------------------------------|---|--------------|----------------------------------|---------------------------|
| SUBMIT IN TRIPLIC   | ATE - Other Instructi                | ons on reverse s                        | ide          |                                  | greement, Name and/or No. |
| 1. Type of Well  Oil Well  Gas Well  Name of Operator   | Other                                |   |              | 8. Well Name a                   |                           |
| 2. Name of Operator <b>Questar Exploration &amp; Production</b>   |                                      | WRU EIH 9CD-26-8-22  9. API Well No.    |              |                                  |                           |
| 3a. Address   | area code)                           | 43-047-38649                            |              |                                  |                           |
| 11002 East 17500 South, Vernal,   |                                      | 10. Field and Pool, or Exploratory Area |              |                                  |                           |
| 4. Location of Well (Footage, Sec., T., R., A   | 1., or Survey Description)           |   |              | UNDESIGNA                        | ATED                      |
| 1408' FSL 1226' FEL, NESE, SE   | CTION 26, T8S, R22E                  |   |              | <ol> <li>County or Pa</li> </ol> | rish, State               |
|   |                                      |   |              | UINTAH                           |                           |
| 12. CHECK APPROPRIATE BOX(ES) T   | O INDICATE NATURE OF I               | NOTICE, REPORT, OR                      | OTHER DATA   |                                  |                           |
| TYPE OF SUBMISSION  | TYPE OF ACTION                       |   |              |                                  |                           |
| Notice of Intent  | Acidize                              | Deepen                                  | Production ( | Start/Resume)                    | Water Shut-Off            |
| _   | Alter Casing                         | Fracture Treat                          | Reclamation  |                                  | Well Integrity            |
| Subsequent Report   | Casing Repair                        | New Construction                        | Recomplete   |                                  | X Other                   |
|   | Change Plans                         | Plug and Abandon                        | Temporarily  | Abandon                          | Commingling               |
| Final Abandonment Notice  | Convert to Injection                 | Plug Back                               | Water Dispo  | sal                              |                           |
| <ol> <li>Describe Proposed or Completed Operation<br/>If the proposal is to deepen directionally</li> </ol> |                                      |   |              |                                  |                           |

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.) In Compliance with the Administrative Utah code for drillling and operating practice R649-3-22, completion into two or more

pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the WRU EIH 9CD-26-8-22. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recevery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams.

Questar requests approval for the commingling of production between the Dakota and Wasatch formations. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 10%; Mancos - 35%; Mesa Verde - 25%; Wasatch - 30%.

A production log will be run within 30 to 45 days to determine contribution from each interval. At that time a subsequent Report will be filed detailing the results of the production log.

On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinues after the fifth anniversary of the initial production.

| 14. I hereby certify that the foregoing is true and correct   |  |  |
|---|--|--|
| Name (Printed/Typed)  | Title  |  |
| Laura Bills   | Associate Regulatory Affairs Analyst   |  |
| Signature Mullu Bill  | Date<br>February 20, 2008  |  |
| THIS SPA  | ACE FOR FEDERAL OR STATE USE   |  |
| Approved by   | REQUEST DENIED  Utah Dision of Action Is Necessary                                   |  |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant of that the applicant holds legal or equitable title to those rights in the subject lease which entitle the applicant to conduct operations thereon. | or certify Gas and Mining  |  |
| Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully   | y to make to any department or accitic of the United States any false, fictitious or |  |
| fraudulent statements or representations as to any matter within its jurisdiction.  | × (2004 187-08   |  |
| (Instructions on reverse) COPY SENT TO OPERATOR   | H-C-14 Ase attached Sheet  |  |

Date: 6.10.2008

FEB 2 2 2008

CONFIDENTIAL

DIV. OF OIL, GAS & MINING

# INTENTS TO COMMINGLE MULTIPLE POOLS IN ONE WELLBORE (R649-3-22)

- 1. An affidavit of notice and a plat were not submitted as required by R649-3-22.
- 2. Future requests for commingling shall include all parts required by R649-3-22 and shall be submitted together as one request, not in separate parts.

43.047.38649 26 85 22e.

### **RECEIVED** APR 0 1 2008

Questar E & P

DIV. OF OIL, GAS & MINING Page 1 of 2

## **Operations Summary Report**

Legal Well Name:

WRU EIH 9CD-26-8-22

Common Well Name: WRU EIH 9CD-26-8-22

Event Name:

COMPLETION Unit Drilling Co. Start:

1/28/2008

Spud Date: 10/20/2007

End: Group:

Contractor Name: Rig Name:

UNIT

Rig Release: 12/13/2007 Rig Number: 232

| Rig Name: | ι                              | JNIT  |              | Rig Number: 232 |                  |   |
|-----------|--------------------------------|-------|--------------|-----------------|------------------|---|
| Date      | From - To                      | Hours | Code         | Sub<br>Code     | Phase            | Description of Operations   |
| 1/30/2008 | 08:00 - 16:00                  | 8.00  | LOG          | 2               | C-LOG            | MIRU LONE WOLF ELU. MU RIH WITH CCL/GR/CBL/VDL TOOLS. CORRELATE TO HES LOG DATED 12-9-07. TAGGED PBTD AT 15363'. EST TOC AT 5600'. LOGGED FROM PBTD TO 5100' WITH 0 PSI. RDMO ELU.          |
| 2/1/2008  | 12:00 - 14:00                  | 2.00  | EQT          | 1               | C-PRE            | MIRU IPS 15K PUMP AND TEST 4 1/2" CSG TO 10,000 PSI. HELD GOOD. BLLED TO ZERO. RU ON ANNULUS AND TEST TO 3,000 PSI. HELD GOOD. BLLED TO ZERO  |
| 2/9/2008  | 08:00 - 14:00                  | 6.00  | PERF         | 2               | C-PERF           | MIRU OWP ELU. MU RIH WITH 2.5" GUNS, 3 SPF, 120* PHASE. SHOOT 81 HOLES FROM 14,859' TO 15,231'. WITH 600 PSI. 1100 PSI WITH GUNS ON THE SURFACE.  |
|           | 14:00 - 18:00                  | 4.00  | STIM         | 2               | C-STIM           | MIRU HES FRAC EQUIPMENT IN PREPERATION TO START FRACING IN THE MORNING. SDFN  |
| 2/10/2008 | 07:00 - 11:00                  | 4.00  | STIM         | 3               | C-STIM           | FRAC STAGE 1 WITH 800 GAL. 15% HCL AT 10 BPM, 2207 BBLS 35# HYBOR G CARRYING 5000# 100 MESH AND 138291# 20/40 CER PLUS SAND. AVG RT= 49.8 BPM. AVG PSI= 8697.                               |
|           | 11:00 - 14:00                  | 3.00  | PERF         | 2               | C-PERF           | PERF STG 2 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CFP @ 14,800' WITH 5600 PSI. SHOOT 42 HOLES FROM 14,242' TO 14,758'.   |
|           | 14:00 - 16:00                  | 2.00  | STIM         | 3               | C-STIM           | FRAC STAGE 2 WITH 800 GAL. 15% HCL AT 10 BPM, 3368 BBLS SLICK WATER CARRYING 40,222# 30/50, 30/60 SINTERLITE SAND. AVG RT= 45.7 BPM. AVG PSI= 9089  |
|           | 16:00 - 18:30                  | 2.50  | PERF         | 2               | C-PERF           | PERF STG #3 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CBP @ 14,150 WITH 6,800 PSI. SHOOT 42 HOLES FROM 14,242' TO 14,758'.  |
| 2/11/2008 | 07:00 - 09:00                  | 2.00  | STIM         | 3               | C-STIM           | FRAC STAGE 3 WITH 800 GAL. 15% HCL AT 10 BPM, 3,363 BBLS SLICK WATER CARRYING 41,017 LBS# 30/50, 30/60 SINTERLITE SAND. AVG RT= 40.7 BPM. AVG PSI= 9,944                                    |
|           | 09:00 - 11:15                  | 2.25  | PERF         | 2               | C-PERF           | PERF STG 4 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CFP @ 13,540' WITH 7,000 PSI. SHOOT 42 HOLES FROM 13,051' TO 13,511'.  |
|           | 11:15 - 13:35                  | 2.33  | STIM         | 3               | C-STIM           | FRAC STAGE 4 WITH 800 GAL. 15% HCL AT 10 BPM, 3,393 BBLS SLICK WATER CARRYING 40,015 LBS# 30/50, 30/60 SINTERLITE SAND. AVG RT= 39.6 BPM. AVG PSI= 9,089                                    |
|           | 13:35 - 15:20                  | 1.75  | PERF         | 2               | C-PERF           | PERF STG 5 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CPP @ 12,930' WITH 7,000 PSI. SHOOT 42 HOLES FROM 12,380' TO 12,894'.  |
| 1         | 15:28 - 17:20                  | 1.87  | STIM         | 3               | C-STIM           | FRAC STAGE 5 WITH 800 GAL. 15% HCL AT 10 BPM, 3,093 BBLS SLICK WATER CARRYIN 40,086 LBS# 30/50, 30/60 SINTERLITE SAND. AVG RT= 33 BPM, AVG PSI= 7,700                                       |
|           | 17:30 - 19:10                  | 1.67  | PERF         | 2               | C-PERF           | PERF STG 6 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CFP @ 12,320' WITH 6,900 PSI. SHOOT 42 HOLES FROM 11,730' TO 12,287'.  |
| 2/12/2008 | 07:00 - 09:30<br>09:30 - 11:15 |       | STIM<br>STIM | 3               | C-STIM<br>C-STIM | WAIT ON HALLIBURTON TO UNLOAD SAND FRAC STAGE 6 WITH 800 GAL. 15% HCL AT 10 BPM, 3,328 BBLS SLICK WATER CARRYING 39,206 LBS# 30/50, 30/60 SINTERLITE SAND. AVG RT= 46.8 BPM. AVG PSI= 8,155 |
|           | 11:15 - 12:45                  | 1.50  | PERF         | 2               | C-PERF           | PERF STG 7 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CFP @ 11,600' WITH 5,600 PSI. SHOOT 42 HOLES FROM 11,142' TO 11,568'.  |
|           | 12:45 - 14:45                  | 2.00  | STIM         | 3               | C-STIM           | FRAC STAGE 7 WITH 800 GAL. 15% HCL AT 10 BPM, 3,280 BBLS  |

Printed: 4/1/2008 9:08:07 AM

#### **Operations Summary Report**

Legal Well Name:

WRU EIH 9CD-26-8-22

Common Well Name: WRU EIH 9CD-26-8-22

Event Name:

COMPLETION

1/28/2008

Spud Date: 10/20/2007

Contractor Name:

Unit Drilling Co.

Start: Rig Release: 12/13/2007 End: Group:

Rig Name:

UNIT

Rig Number: 232

| rig rianic.            | ,                              | CIVII |              |             |                | rag radiibor. 202   |
|------------------------|--------------------------------|-------|--------------|-------------|----------------|---|
| Date                   | From - To                      | Hours | Code         | Sub<br>Code | Phase          | Description of Operations   |
| 2/12/2008              | 12:45 - 14:45                  | 2.00  | STIM         | 3           | C-STIM         | SLICK WATER CARRYING 39,660LBS# 30/50, 30/60 SINTERLITE SAND. AVG RT= 46.6 BPM. AVG PSI= 7,119  |
|                        | 14:45 - 16:15                  | 1.50  | PERF         | 2           | C-PERF         | PERF STG 8 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CFP @ 11,070' WITH 4,800 PSI. SHOOT 36   |
|                        | 16:15 - 18:00                  | 1.75  | STIM         | 3           | C-STIM         | HOLES FROM 10,770' TO 11,034'. FRAC STAGE 8 WITH 800 GAL. 15% HCL AT 10 BPM, 3,706 BBLS SLICK WATER CARRYIN 81,296 LBS# 30/50, 30/60 SINTERLITE   |
|                        | 18:00 - 20:00                  | 2.00  | PERF         | 2           | C-PERF         | SAND. AVG RT= 49 BPM. AVG PSI= 6,614 PERF STG 9 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CBP @ 10,160' WITH 4,400 PSI. SHOOT 48  |
| 2/13/2008              | 07:00 - 08:15                  | 1.25  | STIM         | 3           | C-STIM         | HOLES FROM 9,986' TO 10,126'. FRAC STAGE 9 WITH 800 GAL. 15% HCL AT 10 BPM, 820 BBLS DELTA 200 FLUID CARRYING 51,700 LBS# CRC 20/40 SAND. AVG   |
|                        | 08:15 - 10:00                  | 1.75  | PERF         | 2           | C-PERF         | RT= 42 BPM. AVG PSI= 6414 PERF STG 10 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CFP @ 9,580' WITH 3,500 PSI. SHOOT 60   |
|                        | 10:00 - 11:00                  | 1.00  | STIM         | 3           | C-STIM         | HOLES FROM 9,119' TO 9,550'. FRAC STAGE 10 WITH 800 GAL. 15% HCL AT 10 BPM, 1451 BBLS DELTA 200 FLUID CARRYING 100,012 LBS# CRC 20/40 SAND. AVG RT= 45.5 BPM. AVG PSI= 6,510  |
|                        | 11:00 - 12:30                  | 1.50  | PERF         | 2           | C-PERF         | PERF STG 11 W/7-2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CFP @ 8,740' WITH 3,100 PSI. SHOOT 48 HOLES FROM 8,224' TO 8,704'.  |
|                        | 12:30 - 13:30                  | 1.00  | STIM         | 3           | C-STIM         | FRAC STAGE 11 WITH 800 GAL. 15% HCL AT 10 BPM, 1,322 BBLS DELTA 200 FLUID CARRYING 103,965 LBS# CRC 20/40 SAND. AVG RT= 47.1 BPM. AVG PSI= 5,324  |
|                        | 13:30 - 14:45                  | 1.25  | PERF         | 2           | C-PERF         | PERF STG 12 W/ 7- 2' GUNS LOADED 3 SPF, 120* PHASE, 11 GRAM CHARGE. SET 3.44" CFP @ 7,830' WITH 2000 PSI. SHOOT 42  |
|                        | 14:45 - 15:30                  | 0.75  | STIM         | 3           | C-STIM         | HOLES FROM 7,136' TO 7,793'. FRAC STAGE 12 WITH 800 GAL. 15% HCL AT 10 BPM, 974 BBLS DELTA 200 FLUID CARRYING 97,757 LBS# CRC 20/40 SAND. AVG RT= 45 BPM. AVG PSI= 5,625  |
| 2/14/2008              | 06:00 - 23:00                  | 17.00 | TRP          | 9           | C-TBNG         | WRU EIH 9CD-26-8-22 MIRU IPS CTU, Load CT with 150* F water. MU Express 2 7/8" motor/jars with 3.625" 5-blade junk mill. Test stack to 8,000 psi. RIH and drill out 11 plugs in 6 hours. TAG PBTD AT 15,363'. Pump final 10 BBL sweep and POOH. Flowing to sales through IPS equipment. |
| 2/15/2008              | 06:00 - 06:00                  |       | PTST         | 2           | С-ОТН          | Flowing to sales through IPS equipment.   |
| 2/16/2008<br>2/17/2008 | 06:00 - 06:00<br>06:00 - 06:00 | 1     | PTST<br>PTST | 2           | C-OTH<br>C-OTH | Flowing to sales through IPS equipment. Flowing to sales through IPS equipment.   |
| 2/18/2008              | 06:00 - 06:00                  | 24.00 | PTST         | 2           | C-OTH          | Flowing to sales through IPS equipment.   |
| 2/19/2008<br>2/20/2008 | 06:00 - 06:00<br>06:00 - 06:00 | 1     | PTST         | 2           | C-OTH<br>C-OTH | Flowing to sales through IPS equipment. Flowing to sales through IPS equipment.   |
| 2/21/2008              | 06:00 - 11:00                  |       | PTST         | 2           | C-OTH          | RDMO IPS FLOWBACK EQUIPMENT.  |
|                        |                                |       | i            |             |                |   |
|                        |                                |       |              |             |                |   |
|                        |                                |       |              |             |                |   |

Printed: 4/1/2008 9:08:07 AM

# NOTICE OF LATE REPORTING DRILLING & COMPLETION INFORMATION

Utah Oil and Gas Conservation General Rule R649-3-6 states that,

> Operators shall submit monthly status reports for each drilling well (including wells where drilling operations have been suspended).

Utah Oil and Gas Conservation General Rule R649-3-21 states that.

- A well is considered completed when the well has been adequately worked to be capable of producing oil or gas or when well testing as required by the division is concluded.
- ➤ Within 30 days after the completion or plugging of a well, the following shall be filed:
  - Form 8, Well Completion or Recompletion Report and Log
  - · A copy of electric and radioactivity logs, if run
  - · A copy of drillstem test reports,
  - A copy of formation water analyses, porosity, permeability or fluid saturation determinations
  - · A copy of core analyses, and lithologic logs or sample descriptions if compiled
  - A copy of directional, deviation, and/or measurement-while-drilling survey for each horizontal well

Failure to submit reports in a timely manner will result in the issuance of a Notice of Violation by the Division of Oil, Gas and Mining, and may result in the Division pursuing enforcement action as outlined in Rule R649-10, Administrative Procedures, and Section 40-6-11 of the Utah Code.

| As of the mailing of this notice, the division has not  | received the required              | l reports for       |
|---|------------------------------------|---------------------|
| Operator: Questar Exploration & Production Co.  | Today's Da                         | te: 04/21/2008      |
| Well: 43 047 38649<br>WRU EIH 9CD26-8-22<br>85 22E 26   | API Number:                        | Drilling Commenced: |
| ✓ List Attached   |                                    |                     |
| To avoid compliance action, required reports should Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 | d be mailed within 7 b             | ousiness days to:   |
| Salt Lake City, Utah 84114-5801   |                                    |                     |
| If you have questions or concerns regarding this mata (801) 538-5260  | atter, please contact <sub>-</sub> | Rachel Medina       |

cc: Well File Compliance File

## NOTICE OF LATE REPORTING DRILLING & COMPLETION INFORMATION

#### **ATTACHMENT**

Operator: Questar Exploration & Production Co. Today's Date: 04/21/2008

| Well:               | API Number: | Drilling Commenced: |
|---------------------|-------------|---------------------|
| WV 5W-36-7-21       | 4304734099  | 05/29/2003          |
| WV 4D-12-8-21       | 4304734268  | 09/26/2003          |
| WV 3DML 13-8-21     | 4304737923  | 09/27/2006          |
| SU 8M-12-7-21       | 4304736096  | 03/18/2007          |
| WRU EIH 9CD26-8-22  | 4304738649  | 10/03/2007          |
| NBE 12SWD-10-9-23   | 4304738875  | 10/22/2007          |
| NBE 8CD-10-9-23     | 4304739341  | 10/27/2007          |
| TU 3-35-7-21        | 4304738995  | 11/06/2007          |
| WRU EIH 7AD-26-8-22 | 4304738637  | 11/19/2007          |
| RW 43-26AG          | 4304736769  | 11/26/2007          |
| RW 43-23AG          | 4304736770  | 11/26/2007          |
| RW 21-26AD          | 4304736768  | 11/27/2007          |
| RW 41-26AG          | 4304736818  | 11/28/2007          |
| NBZ 6D-31-8-24      | 4304737235  | 12/05/2007          |
| NBZ 4D-31-8-24      | 4304737236  | 12/05/2007          |
| NBZ 9D-29-8-24      | 4304737244  | 12/05/2007          |

| Form 3160-4 (November 1983) UNITED STATES SUBMIT IN DUPLICATE  (formerly 9-330) DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT Structions of   |                                    |                           |                           |  | er in-    | Budget Bureau No. 1004-0137 Expires August 31, 1985 |                   |   |                               |                      |                                       |
|--|------------------------------------|---------------------------|---------------------------|--|-----------|---|-------------------|---|-------------------------------|----------------------|---------------------------------------|
|  |                                    |                           |                           |  |           | reverse:  | side).            | 5. L                                    | EASE DESIGNAT<br>U            | ION AND S<br>TU-0629 |                                       |
|  | WELL COMPLETION                    | ON OR RECOMI              | PLETION REP               | ORT AND LO                               | G *       |   |                   | 6. II                                   | INDIAN, ALLO                  | N/A                  | IBE NAME                              |
| la. TYPE OF WEI  | L OIL WELL                         | GAS WELL                  | X DRY                     | Other                                    |           |   |                   | 7. UNIT AGREEMENT NAME WHITE RIVER UNIT |                               |                      |                                       |
| b TYPE OF COM  | IPLETION                           |                           |                           |  |           |   |                   |   |                               |                      |                                       |
| NEW WELL X   | WORK DEER<br>OVER EN               | PLUG<br>BACK              |                           | Other _                                  |           |   |                   | 8. FARM OR LEASE NAME<br>N/A            |                               |                      |                                       |
| 2. NAME OF OPERATE OF A CONTROL | TOR<br>PLORATION & PRO             | DUCTION CO.               |                           |  |           |   |                   |   |                               | IH 9CD 2             |                                       |
| 3. ADDRESS OF OPE<br>11002 EAST 1  | RATOR.<br><b>7500 SOUTH - VERN</b> | AL, UT 84078              | Contact:                  | Dahn Caldwell<br>Fax # 435.              |           | 5-781- <b>4342</b><br>57                            |                   | 10. F                                   | IELD AND POOL                 | , OR WILDO           | CAT                                   |
|  | ELL (Report location clearly a     |                           | ny State requiremen       |  |           | <u> </u>  |                   |   | WH                            | ITE RIV              | ER                                    |
| At surface 140   | 3' FSL, 1226' FEL, NE              | SE, SEC 26-T8S-           | R22E                      |  |           |   |                   | 11. S                                   | EC.,T., R., M., OF            | BLOCK A              | ND SURVEY                             |
| At top rod. interval re  | eported below 1408                 | FSL, 1226' FEL,           | NESE, SEC 26              | 5-T8S-R22E                               |           |   |                   | O                                       | R AREA<br>SEC 2               | 26-T8S-R             | 22E                                   |
| At total depth   | 1408' FSL, 1226' FEL               |                           | •                         |  |           |   |                   |   |                               |                      |                                       |
|  | 2100 10D,1220 1DD                  | , 2.02, 0.20 20           | 14. PERMITN               |  | DATE      | ISSUED  |                   | 12.                                     | COUNTY OR<br>PARISH           | 13.                  | STATE                                 |
| 15. DATE SPUDDED   | 16. DATE T.D. REACH                |                           |                           | <b>047–38649</b><br>PL. (Ready to prod.) | <u> </u>  | 18. ELEVAT  | IONS (DF          | , RKB, RT                               | GR, ETC.)*                    | 19. ELEV.            | UT<br>CASINGHEAD                      |
| 10/03/07<br>20. TOTAL DEPTH, MD & 3  | 12/0<br>VD 21 PLUG BAC             | 8/07<br>K T.D., MD & TVD  | 22. IF MULTI              | 2/14/08<br>PLE COMPL.                    |           | 23. INTERV  |                   | KB<br>ROTA                              | RY TOOLS                      | CAB                  | LE TOOLS                              |
| 15,401'  | 15,363                             | 3' as of 1/30/08          | HOW MA                    |  |           | DRILLE  | DBY<br>>          |   | YES                           |                      |                                       |
| 24. PRODUCING INTERVA SEE ATTACHME   | L(S), OF THIS COMPLETION           | -TOP, BOTTOM, NAM         | E (MD AND TVD)*           |  |           |   |                   |   | 25                            | . WAS DIR<br>SURVEY  |                                       |
| SEE AT TACHNE  | 1111                               |                           |                           |  |           |   |                   |   |                               | ľ                    | NO                                    |
|  | OTHER LOGS RUN<br>PECTRAL DENSITY  | DUAL SPACED               |                           |  |           |   | TY                |   | 27. WA                        | S WELL CO            |                                       |
| 28. CASING SIZE  | WEIGHT, LB./FT.                    | DEPTH SET                 |                           | RD (Report all strings<br>HOLE SIZE      | set in we |   | ENTING I          | RECORD                                  | Т                             | AMOUN                | T PULLED                              |
| 10-3/4"  | 40.50#                             | 1,114                     | <del></del>               | 14-3/4"                                  |           |   | 850 SX            |   |                               |                      |                                       |
| 7"<br>4-1/2"   | 26#<br>15.10#                      | 10,678<br>15,336          |                           | 8-3/4"<br>6-1/8"                         |           |   | 1310 SX<br>820 SX |   |                               |                      |                                       |
| 20   |                                    | LINER RECORD              |                           |  |           | 30.   |                   |   | TUBING RECOR                  |                      |                                       |
| SIZE   | TOP (MD) BO                        |                           | ACKS CEMENT*              | SCREEN (MD)                              | Ŧ         | SIZE  | -                 | DEPTI                                   | H SET (MD)                    |                      | ER SET (MD)                           |
|  |                                    |                           |                           |  | 止         | N/A   |                   |   | N/A                           |                      |                                       |
| 31. PERFORATION RECO<br>SEE ATTACHMEN  | ORD (Interval, size and number     |                           |                           | 32.<br>DEPTH IN                          | TERVAL    |   |                   |   | MENT SQUEEZE<br>AND KIND OF M |                      | USED                                  |
|  | TPG1 WM                            | 110                       |                           | SEE ATTA                                 | СНМЕ      | NT PG 1   |                   | SEE                                     | ATTACHM                       | ENT PG               | 1                                     |
|  |                                    |                           |                           |  | ·         |   |                   |   | <u> </u>                      |                      | · · · · · · · · · · · · · · · · · · · |
| 22.4   |                                    |                           |                           | PRODUCTION                               |           |   |                   |   |                               |                      |                                       |
| 33.*  DATE FIRST PRODUCTION  | PRODUCTIO                          | N METHOD (Flowing, §      |                           |  |           | <del> </del>  |                   |   | WELL STATUS                   | (Producing o         | or                                    |
| 2/14/08  |                                    |                           |                           | OWING                                    | J         |   |                   |   |                               | RODUCII              |                                       |
| DATE OF TEST   | HOURS TESTED                       | CHOKE SIZE                | PROD'N FOR<br>TEST PERIOD | OIL-BBL.                                 | _         | GAS-MCF.  |                   | WATER                                   | BBL.                          | GAS-OU               | L RATIO                               |
| 2/16/08<br>FLOW. TUBING PRESS.   | 24<br>CASING PRESSURE              | 16<br>CALCULATED          | OIL-BBL.                  | <b>0</b>                                 | AS-MCF    | 748   | WATE              | 21.<br>R—BBL                            |                               | GRAVITY-A            | PI (CORR.)                            |
| N/A  | 4600                               | 24-HOUR RATE              |                           | l  |           | 1   |                   |   |                               |                      |                                       |
| 34. DISPOSITION OF GAS<br>SOLD   | (Sold, used for fuel, vented, etc  | .)                        |                           |  |           |   |                   | TEST V                                  | TINESSED BY                   |                      |                                       |
| 35. LIST OF ATTACHMEN WELLBORE SC  | TS<br>HEMATIC & PERFO              | RATION DETAI              | L ATTACHMI                | ENT PAGE ON                              | E         |   |                   |   |                               |                      |                                       |
| <ol> <li>I hereby certify that the f</li> </ol>  | oregoing and attached informat     | ion is complete and corre |                           |  |           | JPERVISO  | R                 | DA                                      | ТЕ                            | 4/21/0               | 8                                     |
| <u> </u>   | 1                                  |                           | ne and Engage             | for Additional D                         |           |   |                   |   |                               |                      |                                       |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the CEIVED United States any false, fictitious or fraudulent statements or representations as to any matter within its irrisdiction.

|  | P<br>TRUE<br>VERT, DEPTH    |  |  |  |  |  |  |
|--|-----------------------------|--|--|--|--|--|--|
| WRU EIH 9CD 26 8 22  | TOP<br>MEAS, DEPTH          | 5281°<br>7753°<br>10,253°<br>11,027°<br>11,962°<br>13,996°<br>14,847°<br>15,031°               |  |  |  |  |  |
| <b>A</b>   | NAME                        | WASATCH MESA VERDE CASTLE GATE BCKK (BCKK MRK) MANCOS MANCOS B' FRONTIER DAKOTA SILT DAKOTA TD | The control of the co |  |  |  |  |
| recoveries): FORMATION TOP I BOTTOM   DESCRIPTION CONTENTS FTC | DESCRIPTION, CONTENTS, E.L. |  |  |  |  |  |  |
| ROTTOM   | NOT TOO                     |  |  |  |  |  |  |
| dOT  | 5281'<br>7753'              | 10,253°<br>10,638°<br>11,462°<br>13,996°<br>14,847°<br>15,401°                                 |  |  |  |  |  |
| recoveries): FORMATION   | WASATCH<br>MESA VERDE       | CASTLE GATE BCKK (BCKK MRK) MANCOS WANCOS 'B' FRONTIER DAKOTA TD                               |  |  |  |  |  |

## ATTACHMENT PAGE ONE PERFORATION DETAIL:

| PERFORATION   Open Perfs             | Stimulation                                      |  |         |  | i                                     | Perf Status                         |
|--------------------------------------|--|--|---------|--|---------------------------------------|-------------------------------------|
| <u>Openii Cro</u>                    | <u>Junulauyn</u>                                 |  |         |  |                                       | 1 CH Julus                          |
| 7136′ – 7138′                        | \  |  | i       |  |                                       | Open - Wasatch                      |
| 7475' – 7479'                        |  |  | .       |  |                                       | Open - Wasatch                      |
| 7536' – 7540'                        | Frac w/  | 97,757   | Lbs in  | 40,908   | Gals                                  | Open - Wasatch                      |
| 7789' – 7793'                        | f nac w,   | 31,737   | LUSIII  | 70,900   | Gais                                  | Open - Wasatch                      |
| 7703 — 7733                          |  |  | ·       | :<br>[a.t  |                                       | Open - wasattii                     |
| 8224' – 8226'                        |  |  |         |  |                                       | Open - LMV                          |
| 8231' – 8233'                        |  |  |         |  | · · · · · · · · · · · · · · · · · · · | Open - LMV                          |
| 8488' – 8490'                        |  |  | . j     | <u> </u>   | i                                     | Open - LMV                          |
| 8500' – 8502'                        | ➤ Frac w/  | 103,965  | l bs in | 55,524   | Gals                                  | Open - LMV                          |
| 8652' – 8656'                        |  |  |         |  |                                       | Open - LMV                          |
| 8700' – 8704'                        |  |  | :       | 2  |                                       | Open - LMV                          |
|                                      |  |  |         |  | <br>                                  | Open - Linv                         |
| 9119' – 9121'                        |  | March March 1994 (1994)  |         |  | <u> </u>                              | Open - LMV                          |
| 9176' – 9180'                        |  | kernetramen er om er er er   | i       |  |                                       | Open - LMV                          |
| 9246' – 9248'                        |  |  | :       |  |                                       | Open - LMV                          |
| 9276′ – 9280′                        | Frac w/  | 100,012  | Lbs in  | 60,942   | Gals                                  | Open - LMV                          |
| 9334' – 9336'                        |  |  |         |  |                                       | Open - LMV                          |
| 9504' – 9508'                        |  |  | i       |  |                                       | Open - LMV                          |
| 9548' 9550'                          |  |  |         |  |                                       | Open - LMV                          |
|                                      |  |  |         |  |                                       |                                     |
| 9986' – 9990'                        |  |  |         |  |                                       | Open – LMV                          |
| 10046' – 10050'                      | # December 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |  | ,       |  |                                       | Open – LMV                          |
| 10054' – 10058'                      | Frac w/  | 51,700   | Lbs in  | 34,440   | Gals                                  | Open – LMV                          |
| 10122' – 10126'                      |  |  |         |  |                                       | Open – LMV                          |
|                                      |  |  |         |  |                                       |                                     |
| 10770' – 10772' 🥎                    |  |  |         |  |                                       | Open - Blackhawk                    |
| 10823' – 10825'                      |  |  |         |  |                                       | Open - Blackhawk                    |
| 10841' – 10843'                      |  |  |         |  |                                       | Open - Blackhawk                    |
| 10919' – 10921'                      | Frac w/  | 81,296   | Lbs in  | 155,652  | Gals                                  | Open - Blackhawk                    |
| 10952' – 10954'                      |  |  |         |  |                                       | Open - Blackhawk                    |
| لر 11034′ – 11034′                   |  |  |         |  |                                       | Open - Blackhawk                    |
|                                      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,          | and the translation of alcohol and a   | <br>    | o residente de la constitución d |                                       | м помнопрованнования стем станости. |
| 11142′ – 11144′                      |  |  |         |  |                                       | Open - Mancos                       |
| 1204′ – 11206′                       |  |  |         |  |                                       | Open - Mancos                       |
| 11264' – 11266'                      |  | 20.000   | L b     | 100 776  | C-1-                                  | Open - Mancos                       |
| l 1331' – 11333'<br>l 1482' – 11484' | Frac w/  | 39,660   | Lbs in  | 139,776  | Gals                                  | Open - Mancos                       |
|                                      |  |  |         |  |                                       | Open – Mancos 'B'                   |
| 11531' – 11533'                      |  |  |         |  |                                       | Open – Mancos 'B'                   |
| 11566' – 11568' 👤                    |  | THE STATE OF THE S |         |  |                                       | Open – Mancos 'B'                   |
| 1730′ – 11732′ 🤸                     |  |  |         |  |                                       | Open - Mancos                       |
| l 1847' – 11849'                     |  | . About the state of the state  |         |  |                                       | Open - Mancos                       |
| 1912' – 11914'                       |  |  |         |  |                                       | Open - Mancos                       |
| 11972' – 11974'                      | Frac w/  | 39,206   | Lbs in  | 139,776  | Gals                                  | Open - Mancos                       |
| 2065' – 12067'                       | ſ  |  | III     |  |                                       | Open - Mancos                       |
| 12176' – 12178'                      |  |  |         |  |                                       | Open - Mancos                       |
| 2285' – 12287'                       |  |  |         |  |                                       | Open - Mancos                       |



|                          |                                       |  |                             |                                | <u> </u>                                 |  |
|--------------------------|---------------------------------------|--|-----------------------------|--------------------------------|--|--|
| 12380′ – 12382′ 🕽        |                                       |  |                             |                                | !<br>!                                   | Open - Mancos  |
| 12460' - 12462'          |                                       | MINIMUM IN THE STATE OF THE STATE OF     |                             | -                              | <del>.</del>                             | Open - Mancos  |
| 12544' - 12546'          |                                       |  |                             |                                | ······································   | Open - Mancos  |
| 12657' – 12659'          | Frac w/                               | 40,086                                   | Lbs in                      | 129,906                        | Gals                                     | Open - Mancos  |
| 12744' - 12746'          |                                       |  | Same at a management of any | a man manumi rashiwa awalio za |  | Open - Mancos  |
| 12810' – 12812'          | · · · · · · · · · · · · · · · · · · · |  |                             | 1                              |  | Open - Mancos  |
| 12892' – 12894'          |                                       |  |                             |                                | }  | Open - Mancos  |
|                          |                                       |  |                             |                                |  |  |
| 13051′ – 13053′ 🥆        |                                       |  |                             |                                | <u> </u>                                 | Open - Mancos  |
| 13118' – 13120'          |                                       | ego                                      | A care commission per grace |                                | T  | Open - Mancos  |
| 13197' – 13199'          |                                       |  | ·                           |                                |  | Open - Mancos  |
| 13298' – 13300'          | Frac w/                               | 40,015                                   | Lbs in                      | 142,506                        | Gals                                     | Open - Mancos  |
| 13354' – 13356'          |                                       |  |                             |                                | **************************************   | Open - Mancos  |
| 13427' - 13429'          |                                       |  | 1                           |                                |  | Open - Mancos  |
| 13509' – 13511'          |                                       |  |                             |                                | To a common and a separate of the second |  |
|                          |                                       |  |                             |                                |  | Open - Frontier  |
| 13657' – 13659'          |                                       |  |                             |                                |  | Open - Frontier  |
| 13728' – 13730'          |                                       |  | :                           |                                |  | Open - Frontier  |
| 13837' – 13839'          |                                       |  |                             |                                |  | Open - Frontier  |
| 13917' – 13919'          | Frac w/                               | 40,017                                   | Lbs in                      | 141,246                        | Gals                                     | Open - Frontier  |
| 14004' – 14006'          |                                       |  | :<br>:                      |                                |  | Open - Frontier  |
| 14058' – 14060'          |                                       |  |                             |                                |  | Open - Frontier  |
| 14118' – 14120' <b>)</b> |                                       |  |                             |                                |  | Open - Frontier  |
|                          |                                       | Phillipping                              |                             |                                |  | estante en estante de la compansa de la compansa de la compansa de la compansa de la compansa de la compansa de  |
| 14242' – 14244'          |                                       |  |                             |                                |  | Open - Frontier  |
| 14345' – 14347'          |                                       |  |                             |                                |  | Open - Frontier  |
| 14413' – 14415'          |                                       |  |                             |                                |  | Open - Frontier  |
| 14477' – 14479'          | Frac w/                               | 40,222                                   | Lbs in                      | 141,456                        | Gals                                     | Open - Frontier  |
| 14566' – 14568'          |                                       |  |                             |                                |  | Open - Frontier  |
| 14652' – 14654'          |                                       |  |                             |                                |  | Open - Frontier  |
| 14756′ – 14758′ 🜙        |                                       |  |                             |                                |  | Open - Frontier  |
|                          |                                       |  | 4 Mgs. 18 16 4 April \$ 15  |                                |  | The state of the s |
| 14859' – 14861'          |                                       |  | · 10 . 0 . 1 . 10 . 0 . 0   |                                |  | Open – Dakota Silt   |
| 14920′ – 14922′          |                                       |  |                             |                                |  | Open – Dakota Silt   |
| 15032' – 15034'          |                                       | paragraphy paragraphy and property and a |                             |                                |  | Open – Dakota Silt   |
| 15068' - 15070'          |                                       | ***************************************  |                             |                                |  | Open – Dakota Silt   |
| 15147' – 15153'          | Frac w/                               | 143,291                                  | Lbs in                      | 92,69 <del>4</del>             | Gals                                     | Open – Dakota Silt   |
| 15164' – 15166'          |                                       |  |                             |                                |  | Open – Dakota Silt   |
| 15191' – 15200'          |                                       |  |                             | 1                              |  | Open – Dakota Silt   |
| 15229' – 15231' ノ        |                                       | Manufaction                              |                             |                                |  | Open – Dakota Silt   |
|                          |                                       |  |                             |                                |  |  |

| Carrier   Same   Carrier      | T08698P39<br>FIELD: | White River     | Unit      | GL: 4,851     | L'KBE: 4,872 '     | Spud Date: 10-20-200 Comple    | etion date:           | 3-3-2008                              |   |
|--|---------------------|-----------------|-----------|---------------|--------------------|--------------------------------|-----------------------|---------------------------------------|---|
| Weithout   Section   Sec   | Well:               |                 | D-26-8-22 | TD: 15,401    | L ' PBTD: 15,363 ' |                                |                       |                                       |   |
| Tables Landing Decails  Free Cables  Free Ca | ocation - bo        | ttom hole:      | Same      | •             |                    |                                | Initial comp          | letion                                |   |
| Training Landship Publish   Fig.      |                     | 30013           |           | ninan county, | Otali              | Deviation:                     |                       |                                       |   |
| 15.00   10.0   |                     |                 |           |               |                    |                                | C'a                   | <b>.</b> .                            |   |
| 10.25  | urface casi         | ina             |           | ·             |                    |                                | Size                  |                                       |   |
| ### Add   1905   | ze:                 | 10.75"          | III TII   |               |                    |                                |                       |                                       |   |
| ## Washington  | ade:                | J-55            |           |               |                    |                                |                       |                                       |   |
| ## Western   Conference   Confe | ntd w/              |                 |           |               |                    |                                |                       |                                       |   |
| Vertical    | ile size:           | 14.75"          | 4     L   |               |                    | Tuhing Information             | -                     |                                       |   |
| ### Canada Service    Formula   Formula Service                        |                 |           |               |                    | Condition:                     | _                     |                                       |   |
|  |                     |                 |           | 7475-79'      |                    | Grade:                         |                       |                                       |   |
| ### Wellhead Ostalit Sample: 7.1/167 30000  ### State of  |                     |                 |           |               |                    | Weight (#/ft):                 |                       |                                       |   |
| ## Service   1975   197 |                     |                 |           | Lower Mesa Vo | erde               |                                |                       |                                       |   |
| ### Service   1998-90   19 |                     |                 |           |               |                    | Wellhead Detail: Example: 7-1, | /16" 3000#            |                                       |   |
| ### Service   1998-90   19 |                     |                 |           | 8488-90'      | w/ 3 spf           |                                |                       |                                       |   |
| ### Section   1998-90   19 |                     |                 |           |               |                    | Other:                         |                       |                                       |   |
| ### 13 of 100-25 w 13 |                     |                 |           | 8700-04'      | w/ 3 spf           | Hanger: Yes No                 | <u>x</u>              |                                       |   |
| ### Section   1998-90   19 |                     |                 |           |               |                    |                                | 45 3341 5             | / F 000# 400                          | ML 0                                    |
| ### Section   1998-90   19 |                     |                 |           | 9246-48'      | w/ 3 spf           | 138,291# 20/40 Ceramic Sand    |                       |                                       |   |
| ### Service   1998-90   19 |                     |                 |           | 9334-36'      | w/ 3 spf           | 30/60 Sinterlite Sand          |                       |                                       |   |
| ### Service   1996-90   will 3 and   1996-90  |                     |                 |           |               |                    |                                | 657' - 14,1           | 20' Frac w/ 41,017                    | 7#                                      |
| Second    |                     |                 |           |               |                    | Stage 4 - Mancos 13,051' - 13, | , <b>511</b> ' Frac w | v/ 40,015# 30/50 8                    | k                                       |
| ## 10054-58 w) 3 set   10055-58 w) 3 set   100 |                     |                 |           |               |                    | Stage 5 - Mancos 12,380' - 12, | <b>,894</b> ' Frac w  | v/ 40,086# 30/50 8                    | <u> </u>                                |
| Packbase    |                     |                 |           | 10054-58'     | w/ 3 spf           | Stage 6 - Mancos 11,730' - 12, | , <b>287</b> ' Frac w | v/ 39,206# 30/50 8                    | <u>k</u>                                |
| 1070-007    |                     |                 |           | 10122-26      | w/ 3 spf           |                                | 11,142' - 11          | L,568' Frac w/ 30/                    | 50 &                                    |
| shebt 256 dec   10022-25 w   3 serf   10022-25 w   3 serf   10022-26 w   3 serf   10022- |                     |                 | 4   L     |               | w/3 sof            |                                | 11.034' Fr            | ar w/ 81 296# 30/                     | 50 &                                    |
| 133-33   |                     |                 |           |               | w/ 3 spf           | 30/60 Sinterlite Sand          |                       |                                       |   |
| 133-39 w/3 spf   | @                   | 10679'          | 1 =       | 10919-21'     | w/ 3 spf           | 20/40 Ceramic Sand             |                       |                                       |   |
| 133-33   w 3 spf   |                     |                 |           |               |                    | 20/40 Ceramic Sand             |                       |                                       |   |
| 133.33   w) 3 apr  |                     |                 |           |               | w/ 3 spf           |                                | <u>8,224' - 8,7</u>   | <b>104'</b> Frac w/ 103,9             | 65#                                     |
| 1133-33*   w/3 spf   |                     |                 |           |               |                    |                                | <b>,793'</b> Frac v   | w/ 97,757#                            |   |
| PBTD @ 15363 '   |                     |                 |           |               |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 11482-84"     |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           |               |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           |               |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           |               |                    |                                |                       |                                       | ·····                                   |
| PBTD @ 15363 '   |                     |                 |           |               |                    |                                |                       | · · · · · · · · · · · · · · · · · · · |   |
| PBTD @ 15363 '   |                     |                 |           |               | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 12285-87'     | w/3 spf            |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 12460-62'     |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 | 1 1       |               |                    |                                |                       | · · · · · · · · · · · · · · · · · · · |   |
| PBTD @ 15363 '   |                     |                 | 1 1       |               | w/3 spf            |                                |                       |                                       | *************************************** |
| PBTD @ 15363 '   |                     |                 |           | 12892-94      | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 13118-20      | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 | 1         |               |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           |               |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 13509-11'     | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 13728-30'     | w/3 spf            |                                |                       | · · · · · · · · · · · · · · · · · · · |   |
| PBTD @ 15363 '   |                     |                 |           |               |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | Frontier      |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           |               |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 14118-20'     | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 14345-47'     | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 14477-79'     | w/3 spf            |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           | 14652-54'     | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 | 1 1       | 14756-58'     | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 |           |               | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 | 1         | 14920-22'     | w/ 3 spf           |                                |                       |                                       |   |
| PBTD @ 15363 '   | ight:               | 15.1#           |           | 15068-70'     | w/3 spf            |                                |                       |                                       |   |
| PBTD @ 15363 '   |                     |                 | 1         |               |                    |                                |                       |                                       |   |
| PBTD @ 15363 '   | itd w/              | 840 Sxs Class C | ·         |               | w/3 spf            |                                |                       |                                       |   |
| 70.0   |                     |                 |           |               |                    |                                |                       |                                       | <del>Čaran</del> .                      |
|  |                     |                 |           | _             |                    |                                |                       |                                       |   |

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**ENTITY ACTION FORM - FORM 6** 

OPERATOR:

Questar Exploration & Production, Co.

ADDRESS:

11002 E. 17500 S.

Vernal, Utah 84078-8526

(435)781-4342

| Action<br>Code | Current<br>Entity<br>No. | New Entity<br>No. | API Number   | Well Name           | QQ   | SC | TP       | RG  | County  | Spud Date | Effective Date |
|----------------|--------------------------|-------------------|--------------|---------------------|------|----|----------|-----|---------|-----------|----------------|
| С              | 16446                    | 12528             | 43-047-38649 | WRU EIH 9CD 26 8 22 | NESE | 26 | 88       | 22E | Uintah  | 10/3/07   | 2/14/08        |
| WELL 1         | COMMENT                  | S: WASATC         | H            |                     |      | T  | I        |     | CONFIDE | NTIAL     | 4/30/08        |
| VELL 2         | COMMENT                  | <br> S:           |              |                     |      |    |          |     |         |           |                |
|                |                          |                   |              |                     |      |    |          |     |         |           |                |
| VELL 3         | COMMENT                  | S:                |              | -                   |      |    | <b>L</b> | 1   |         |           | <u> L</u>      |
| A/E-1 1 4      | 001445                   |                   | ·            |                     |      |    |          |     |         |           |                |
| VELL 4         | COMMENT                  | S:                |              |                     |      |    |          |     |         |           |                |
|                |                          |                   |              |                     |      |    |          |     |         |           |                |
| WELL 5         | COMMENT                  | S:                |              |                     |      |    |          |     |         |           |                |

ACTION CODES (See instructions on back of form)

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

Office Administrator II
Title

Signature

4/28/08 Date

Phone No. <u>(435)781-4342</u>

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APR 3 0 2008

UNITED STATES Form 3160-5 (November 1994) DEPARTMENT OF THE INTERIOR Expires July 31, 1996 BUREAU OF LAND MANAGEMENT Lease Serial No. SUNDRY NOTICES AND REPORTS ON WELLS UTU--0629 Do not use this form for proposals to drill or reenter an 6. If Indian, Allottee or Tribe Name abandoned well. Use Form 3160-3 (APD) for such proposals. N/A 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other Instructions on reverse side WHITE RIVER UNIT Type of Well Oil Well X Gas Well 8. Well Name and No. Name of Operator WRU EIH 9CD-26-8-22 Questar Exploration & Production Co. 9. API Well No. Contact: Mike Stahl 3a. Address Phone No. (include area code) 43-047-38649 303-398-3613 TO OPERATOR 11002 East 17500 South, Vernal, UT 84078 10. Field and Pool, or Exploratory Area Location of Well (Footage, Sec., T., R., M., or Survey Description) UNDESIGNATED 11. County or Parish, State 1408' FSL 1226' FEL, NESE, SECTION 26, T8S, R22E UINTAH 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION X Notice of Intent Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Fracture Treat Reclamation Well Integrity ☐ Subsequent Report New Construction Recomplete Casing Repair Other Change Plans Plug and Abandon Temporarily Abandon Commingling ☐ Final Abandonment Notice Convert to Injection Plug Back Water Disposal 13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days Following completion of the involved operations. If the operation reuse the true is a subsequent reports and the performed on the performed of the p determined that the site is ready for final inspection.) In Compliance with the Administrative Utah code for drillling and operating practice R649-3-22, completion into two or more pools. Questar Exploration & Production Company hereby requests the commingling of production between intervals in the WRU EIH 9CD-26-8-22. Questar considers this commingling to be in the public interest in that it promotes maximum ultimate economic recevery, prevents waste, provides for orderly and efficient production of oil and gas and presents no detrimental effects from commingling the gas streams. Questar requests approval for the commingling of production between the Dakota and Wasatch formations. Based upon offset production logs, the proposed initial allocation is as follows: Dakota - 10%; Mancos - 35%; Mesa Verde - 25%; Wasatch - 30%. A production log will be run within 30 to 45 days to determine contribution from each interval. At that time a subsequent Report will be filed detailing the results of the production log. After the well has produced for a period of 6 to 9 months, Questar shall prepare and submit to the BLM, for approval, a paying well determination. If the paying well determination is approved by the BLM, Questar will then submit an application for the formation (or expansion if necessary) of a single participating area covering the Mesaverde, Mancos and Dakota formations either individually or consolidated to cover all 3 formations. Production from the Wasatch zone will be allocated to the existing Wasatch formation PA. On an annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. These annual samples can be used to determine if the gas allocation is changing over time. If these samples do not indicate that any adjustments in allocation are necessary they may be discontinues after the fifth anniversary of the initial production. 14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title Laura Bills Associate Regulatory Affairs Analyst Date Signature June 25, 2008 THIS SPACE FOR FEDERAL OR STATE USE Approved by Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify Federal Approval Of This that the applicant holds legal or equitable title to those rights in the subject lease which would Action Is Necessarv entitle the applicant to conduct operations thereon Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or

(Instructions on reverse)

fraudulent statements or representations as to any matter within its jurisdiction.

NCT 19 2008

CONFIDENTIAL

### AFFIDAVIT OF NOTICE

| STATE OF COLORADO | ) |    |
|-------------------|---|----|
| COUNTY OF DENVER  | ) | SS |

Chad W. Matney, being duly sworn, deposes and says:

1. That I am employed by Questar Exploration and Production Company in the capacity as a Landman. My business address is:

Independence Plaza 1050 17<sup>th</sup> Street, Suite 500 Denver, CO 80265

- 2. In my capacity as a Landman, pursuant to the provisions of Utah Administrative Rule 649-3-22, I have provided a copy of Questar Exploration and Production Company's application for completion of the WRU EIH 9CD-26-8-22 well into two or more pools, in the form of Utah Division of Oil, Gas and Mining's Form 9 Sundry Notice, to owners of all contiguous oil and gas leases or drilling units overlying the pools which are the subject of that application.
- 3. In my capacity as a Landman, I am authorized to provide such notice of Questar Exploration and Production Company's application to contiguous owners and to make this affidavit on this 17th day of September 2008.

Printed Name: Chad W. Matney

The foregoing instrument was sworn to and subscribed before me this 23rd day of before by 2008, by Chad W. Matney.

Notary Public 3



Questar Exploration and Production Company

Independence Plaza 1050 17th Street, Suite 500 Denver, CO 80265 Tel 303 672 6900 • Fax 303 294 9632

**Rocky Mountain Region** 

September 17, 2008

#### SEE ATTACHED MAILING LIST

Dear Owner:

Attached for your information is a copy of Questar's application to the State of Utah Division of Oil, Gas and Mining for commingling of the WRU EIH 9CD-26-8-22 Well located in Uintah County, Utah.

Very truly yours,

Chad W. Matney
Associate Landman

Enclosure

### MAILING LIST WRU EIH 9CD-26-8-22 NOTICE OF COMMINGLING

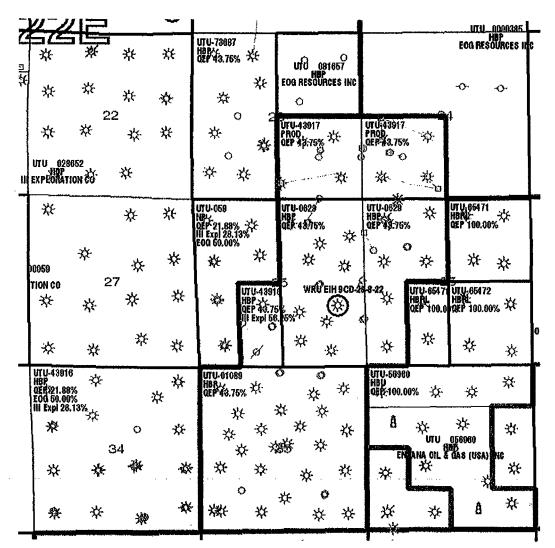
Anadarko Petroleum Corporation 1099 18<sup>th</sup> Street, Suite 1800 Denver, CO 80202 Attn: W. Chris Latimer

EOG Resources, Inc. 600 17<sup>th</sup> Street, Suite 1000N Denver, CO 80202 Attn: Debbie Spears

III Exploration Company 555 South Cole Road Boise, ID 83707 Attn: William Glynn/Ken Smith

EnCana Oil & Gas (USA) Inc. 370 17<sup>th</sup> Street, Suite 1700 Denver, CO 80202 Attn: Uinta Division Land Manager

EEX Corporation 4849 Greenville Avenue Dallas, TX 75206 Attn: Uinta Basin Division Land Manager



T8S-R22E

### Tw/Kmv COMMINGLED PRODUCTION

Uinta Basin—Uintah County, Utah

O Commingled well

Well: WRU EIH 9CD 26-8-22 Lease: UTU 0629

QUESTAR Exploration and Production

Geologisi:

Landman: Chad Matney

1050 17th St., # 500 Denver, CO 60265

Date: July 1, 2008

(3/89)

**ENTITY ACTION FORM - FORM 6** 

OPERATOR ACCT. No. N-5085

expired 3/14/09

OPERATOR:

Questar Exploration & Production, Co.

ADDRESS:

11002 East 17500 South

Vernal, Utah 84078-8526

(435)781-4342

| Action<br>Code  | Current<br>Entity<br>No. | New Entity<br>No. | API Number                             | Well Name  | QQ   | SC        | TP       | RG       | County             | Spud Date                   | Effective Date         |  |  |
|---|--------------------------|-------------------|--|--|------|-----------|----------|----------|--------------------|-----------------------------|------------------------|--|--|
| E   | 16446                    | 16446             | 43-047-38649                           | WRU EIH 9CD 26 8 22  | NESE | 26        | 88       | 22E      | Uintah             | 10/3/07                     | 3/1/09                 |  |  |
| WELL 1  | COMMENT                  | S: MMFD =         | 16446                                  | And the second s |      | <u></u>   | <u> </u> | <u> </u> |                    |                             | uludna                 |  |  |
|   |                          | WSTC              | = 12528                                | unitpa   |      |           |          |          |                    |                             | 4//4/09                |  |  |
|   | ,                        |                   |  |  |      | 1         |          |          |                    |                             |                        |  |  |
| WELL 2  | COMMENT                  | S:                |  |  |      |           |          |          |                    |                             |                        |  |  |
|   |                          |                   |  |  |      |           | <br>     |          |                    |                             |                        |  |  |
| WELL 3  | COMMENT                  | S:                |  |  |      |           |          |          |                    |                             |                        |  |  |
|   |                          |                   |  |  |      |           |          |          |                    |                             |                        |  |  |
| WELL 4  | COMMENT                  | S:                |  |  |      |           |          |          |                    |                             |                        |  |  |
|   |                          |                   |  |  |      |           |          |          |                    |                             |                        |  |  |
| WELL 5  | COMMENT                  | rs:               |  |  |      | . <b></b> |          |          |                    | ^                           |                        |  |  |
| ACTION CODES (See instructions on back of form)  A - Establish new entity for new well (single well only)  B - Add new well to existing entity (group or unit well)  C - Re-assign well from one existing entity to another existing entity |                          |                   |  |  |      |           |          | Sig      | Signature Caldwall |                             |                        |  |  |
| NOTE:   | E - Other (e             | explain in comi   | ne existing entity t<br>ments section) | o a new entity<br>n Action Code was selected   | ŀ    |           |          |          | <u>Of</u>          | fice Administrator<br>Title | <u>4/10/09</u><br>Date |  |  |
| NOTE.   | OBE COMM                 | LITT SCOUOLI      | o explain willy cau                    | TACION COUG WAS SCIENCE  | •    |           |          |          | Ph                 | one No. (435)781            | _A3A2                  |  |  |

DIV. OF OIL, GAS & MINING

**RECEIVED** 

APR 1 3 2009

### Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

(for state use only)

| ROUTING |
|---------|
| CDW     |

| Change of Operator (Well Sold)   |   |  |             | Х-  | Operator                | Name Chan                     | σε           |                |
|--|---|--|-------------|---|-------------------------|-------------------------------|--------------|----------------|
| The operator of the well(s) listed below has chan  | ged, e  | effectiv   | ve:         |   | o por uto.              | 6/14/2010                     | 50           |                |
| FROM: (Old Operator): N5085-Questar Exploration and Production Compa 1050 17th St, Suite 500 Denver, CO 80265  | ny  |  |             |   |                         | pany<br>te 500                |              |                |
| Phone: 1 (303) 308-3048  |   |  |             | Phone: 1 (303   | 3) 308-3048             |                               |              |                |
| CA No.   |   |  |             | Unit:   |                         | WHITE                         | RIVER        |                |
| WELL NAME SEE ATTACHED   | SEC   | TWN  | RNG         | API NO  | ENTITY<br>NO            | LEASE TYPE                    | WELL<br>TYPE | WELL<br>STATUS |
|  |   |  |             |   |                         |                               |              |                |
| OPERATOR CHANGES DOCUMENT:<br>Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation wa 2. (R649-8-10) Sundry or legal documentation wa   | s rece  | ived fi  | rom the     | FORMER op   | perator on:             | 6/28/2010                     | -            |                |
| <ul> <li>3. The new company was checked on the Departs</li> <li>4a. Is the new operator registered in the State of U.</li> <li>5a. (R649-9-2) Waste Management Plan has been re</li> <li>5b. Inspections of LA PA state/fee well sites comple</li> <li>5c. Reports current for Production/Disposition &amp; S</li> </ul> | nent of<br>tah:<br>ceived<br>ete or<br>undrie   | of Condonication of Con | nmerce<br>E | , Division of C<br>Business Numb<br>Requested<br>n/a<br>ok        | Corporation<br>per:<br> | 5 Database on:<br>764611-0143 | -            | 6/24/2010      |
| <ul> <li>Federal and Indian Lease Wells: The BL or operator change for all wells listed on Federal</li> <li>Federal and Indian Units:         <ul> <li>The BLM or BIA has approved the successor</li> </ul> </li> <li>Federal and Indian Communization Age</li> </ul>  | ıl or I<br>of un  | ndian l<br>it oper   | leases of   | n:<br>wells listed or   | BLM                     | 8/16/2010<br>8/16/2010        | BIA          | not yet        |
| The BLM or BIA has approved the operator f   | or all  | wells ]  | listed w    | ithin a CA on:  |                         | N/A                           |              |                |
| 9. Underground Injection Control ("UIC"  | ) Div   | vision   | has ap      | proved UIC  | Form 5 Trai             | nsfer of Author               | ity to       |                |
| <b>Inject,</b> for the enhanced/secondary recovery un <b>DATA ENTRY:</b>   | it/proj   | ject for   | r the wa    | ter disposal we   | ell(s) listed o         | n:                            | 6/29/2010    | ,              |
| 1. Changes entered in the Oil and Gas Database of Changes have been entered on the Monthly Op 3. Bond information entered in RBDMS on: 4. Fee/State wells attached to bond in RBDMS on Injection Projects to new operator in RBDMS of Receipt of Acceptance of Drilling Procedures for BOND VERIFICATION:                | erato<br>n:   |  | -           | 6/30/2010<br>read Sheet on<br>6/30/2010<br>6/30/2010<br>6/30/2010 |                         | 6/30/2010                     | -            |                |
| 1. Federal well(s) covered by Bond Number:   |   |  |             | ESB000024   |                         |                               |              |                |
| 2. Indian well(s) covered by Bond Number:  |   |  | -           | 965010693   |                         |                               |              |                |
| 3a. (R649-3-1) The <b>NEW</b> operator of any state/fee  |   |  |             |   | Number                  | 965010695                     |              |                |
| <ul> <li>3b. The FORMER operator has requested a release</li> <li>LEASE INTEREST OWNER NOTIFIC.</li> <li>4. (R649-2-10) The NEW operator of the fee wells</li> <li>of their responsibility to notify all interest owner.</li> </ul>  | ATION TO SERVICE ATION | ON:<br>een coi   | ntacted     | and informed  |                         | om the Division               |              |                |
| of their responsibility to notify all interest owner <b>COMMENTS</b> :   | s of th   | us cna   | nge on:     |   | n/a                     |                               |              |                |

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

| DIVISION OF OIL, GAS AND MINING  | 5. LEASE DESIGNATION AND SERIAL NUMBER  |  |
|--|---|--|
| CUNDRY NOTICES AND DEDOCTES OF THE   |   |  |
| SUNDRY NOTICES AND REPORTS ON WELLS  | See attached  Findian, allottee or tribe name: See attached  Unit or CA AGREEMENT NAME: See attached  Well name and number: See attached  API Number: Attached  O. Field and Pool, or Wildcat: See attached  County: Attached  TATE:  UTAH  T, OR OTHER DATA  REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF  Wother: Operator Name Change  etc. EP Energy Company. This name is involved. The same ached list. All operations will  Production Company. As of the properties as described on |  |
| Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to   | 7. UNIT or CA AGREEMENT NAME:   |  |
| drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.  1 TYPE OF WELL  | See attached  |  |
| OIL WELL GAS WELL OTHER  |   |  |
| 2 NAME OF OPERATOR:  | 9. API NUMBER:  |  |
| Questar Exploration and Production Company $N5085$   | Attached  |  |
| 3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900   | 10. FIELD AND POOL, OR WILDCAT:   |  |
| 4. LOCATION OF WELL STATE OF ZIP 00203 (303) 072-0900  | See allached  |  |
| FOOTAGES AT SURFACE: See attached  | COUNTY: Attached  |  |
|  | , madrida   |  |
| QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:   |   |  |
| CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO   | RT, OR OTHER DATA   |  |
| TYPE OF SUBMISSION TYPE OF ACTION  |   |  |
| ✓ NOTICE OF INTENT ☐ ACIDIZE ☐ DEEPEN  | REPERFORATE CURRENT FORMATION   |  |
| (Submit in Duplicate) ALTER CASING FRACTURE TREAT  | SIDETRACK TO REPAIR WELL  |  |
| Approximate date work will start: CASING REPAIR NEW CONSTRUCTION   | TEMPORARILY ABANDON   |  |
| 6/14/2010 CHANGE TO PREVIOUS PLANS OPERATOR CHANGE   | TUBING REPAIR   |  |
| CHANGE TUBING PLUG AND ABANDON   | VENT OR FLARE   |  |
| SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK   | WATER DISPOSAL  |  |
| Date of work completion:  CHANGE WELL STATUS  PRODUCTION (START/RESUME)  | WATER SHUT-OFF  |  |
| COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE  | ✓ other: Operator Name  |  |
| CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION   | Change  |  |
| DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume  | es, etc.  |  |
| Effective June 14, 2010 Questar Exploration and Production Company changed its name to change involves only an internal corporate name change and no third party change of operate employees will continue to be responsible for operations of the properties described on the accordinate to be covered by bond numbers:  Federal Bond Number: 965002976 (BLM Reference No. ESB000024)  Utah State Bond Number: 965003033  Fee Land Bond Number: 965003033  Fee Land Bond Number: 799446  965010693  The attached document is an all inclusive list of the wells operated by Questar Exploration a June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator the list | attor is involved. The same attached list. All operations will  |  |
| NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs   | s Analyst   |  |
| SIGNATURE 10 1940 1770 DATE 6/23/2010  |   |  |
| his space for State use only)  |   |  |

**RECEIVED** 

JUN 2 8 2010

APPROVED 61301 2009
Carley Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

## Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) WHITE RIVER effective June 14, 2010

| well_name  | sec | twp         | rng   | api          | entity         | mineral                               | type | stat        | C        |
|--|-----|-------------|-------|--------------|----------------|---------------------------------------|------|-------------|----------|
| _  |     |             | 8     | ap.          | Citity         | lease                                 | type | Stat        |          |
| WR 16-9  | 09  | 080S        | 220E  | 4304715081   | 4915           | Federal                               | OW   | S           |          |
| WRU EIH 15-35-8-22   | 35  |             |       | 4304733061   | 12528          | Federal                               |      | P           |          |
| WRU EIH 12W-35-8-22  | 35  |             |       | 4304733393   | 12528          | Federal                               | GW   | P           |          |
| WR 13W-3-8-22  | 03  | 080S        |       | 4304733651   | 13544          | Federal                               |      | P           |          |
| OU GB 6W-9-8-22  | 09  | <del></del> |       | 4304734010   | 13545          | Federal                               | GW   | P           | -        |
| WRU EIH 4W-35-8-22   | 35  |             |       | 4304734042   | 12528          | Federal                               | GW   | P           |          |
| WRU EIH 3W-35-8-22   | 35  |             |       | 4304734044   | 12528          | Federal                               | GW   | P           | -        |
| WRU GB 4WRG-9-8-22   | 09  |             |       | 4304734208   | 4915           | Federal                               | OW   | P           |          |
| WRU EIH 13WX-35-8-22   | 35  |             |       | 4304734210   | 12528          | Federal                               | GW   | P           |          |
|  |     | 0005        | 2201  | 7507757210   | 13456          | reuciai                               | GW   | F           |          |
| WRU EIH 5W-35-8-22   | 35  | 0805        | 220F  | 4304734572   | 12528          | Federal                               | GW   | P           |          |
| OU GB 14W-9-8-22   | 09  |             |       | 4304734649   | 13545          | Federal                               | GW   | P           | <u> </u> |
| WRU GB 9MU-9-8-22  | 09  |             |       | 4304734650   | 13545          | Federal                               | GW   | P           |          |
| OU GB 10W-9-8-22   | 09  |             |       | 4304734651   | 13545          | Federal                               |      | <del></del> |          |
| OU GB 15W-9-8-22   | 09  |             |       | 4304734678   | 13545          |                                       | GW   | P           |          |
| OU GB 16W-9-8-22   | 09  |             |       | 4304734678   |                | Federal                               | GW   | P           |          |
| WRU EIH 6W-35-8-22   | 35  | 080S        |       | 4304734679   | 13545<br>12528 | Federal                               | GW   | P           | +        |
| Wite Elli 6 W 33-6-22  | 33  | 0003        | 220E  | 4304/34064   | 1              | Federal                               | GW   | P           |          |
| GB 11ML-10-8-22  | 10  | 080S        | 22015 | 4304734691   | 16723          | P. 11                                 | OW   | <b>D</b>    |          |
| WRU EIH 11W-35-8-22  | 35  |             |       | 4304734791   | 14818          | Federal                               | GW   | P           |          |
| WRU GB 5M-9-8-22   | 09  | 080S        |       |              | 12528          | Federal                               | GW   | P           |          |
| W KO GB 3W-9-6-22  | 09  | 0000        | 220E  | 4304734753   | 13545          | Federal                               | GW   | S           |          |
| OU GB 12W-4-8-22   | 04  | 0000        | 2205  | 420.450.4560 | 14447          |                                       |      |             |          |
| OU GB 12M-10-8-22  | 04  | ~~~         |       | 4304734762   | 13718          | Federal                               | GW   | P           |          |
|  | 10  |             |       | 4304734769   | 13545          | Federal                               | GW   | P           |          |
| WRU EIH 14W-26-8-22  | 26  |             |       | 4304734835   | 12528          | Federal                               | GW   | TA          |          |
| WRU EIH 11MU-26-8-22   | 26  | 080S        | 220E  | 4304734836   | 12528          | Federal                               | GW   | P           |          |
| WILL FILL LOW 25 0 00  |     | 2000        |       |              | 13713          |                                       |      |             |          |
| WRU EIH 10W-35-8-22  | 35  | 0808        | 220E  | 4304735046   | 12528          | Federal                               | GW   | P           |          |
| White this of the control of the con |     |             |       |              | 15700          |                                       |      |             |          |
| WRU EIH 9MU-26-8-22  | 26  | 0808        | 220E  | 4304735047   | 12528          | Federal                               | GW   | P           |          |
| WANT THE 15 OF SEC.  |     |             |       |              | 14003          | · · · · · · · · · · · · · · · · · · · |      |             |          |
| WRU EIH 15MU-26-8-22   | 26  |             |       | 4304735048   | 12528          | Federal                               | GW   | P           |          |
| WRU EIH 1MU-35-8-22  | 35  |             |       | 4304735049   | 12528          | Federal                               | GW   | P           |          |
| WRU EIH 9M-35-8-22   | 35  | 0808        | 220E  | 4304735050   | 12528          | Federal                               | GW   | P           |          |
| White Early and a second   |     |             |       |              | 14005          |                                       |      |             |          |
| WRU EIH 7MU-35-8-22  | 35  | 0808        | 220E  | 4304735051   | 12528          | Federal                               | GW   | P           |          |
| HIDLI THE ANGLE  |     |             |       |              | 14106          |                                       |      |             |          |
| WRU EIH 1MU-26-8-22  | 26  | 080S        | 220E  | 4304735118   | 12528          | Federal                               | GW   | P           |          |
|  |     |             |       |              | 14349          |                                       |      |             |          |
| WRU EIH 7MU-26-8-22  | 26  | 080S        | 220E  | 4304735119   | 12528          | Federal                               | GW   | P           |          |
|  |     |             |       |              | 14102          |                                       |      |             |          |
| WRU EIH 10MU-26-8-22   | 26  | 080S        | 220E  | 4304735120   | 12528          | Federal                               | GW   | P           |          |
|  |     |             | -     |              | 14107          |                                       |      |             |          |
| WRU EIH 15MU-35-8-22   | 35  | 080S        | 220E  | 4304735121   | 12528          | Federal                               | GW   | P           |          |
|  |     |             |       |              | 14197          |                                       |      |             |          |
| WRU EIH 10ML-23-8-22   | 23  | 080S        | 220E  | 4304735187   | 12528          | Federal                               | GW   | P           |          |
|  |     |             |       |              | 14503          |                                       |      |             |          |
| WRU EIH 9ML-23-8-22  | 23  | 080S        | 220E  | 4304735189   | 12528          | Federal                               | GW   | S           |          |
|  |     |             |       |              | 14504          |                                       |      |             |          |

Bonds: BLM = ESB000024 BIA = 956010693 State = 965010695

## Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) WHITE RIVER effective June 14, 2010

| well_name               | sec | twp  | rng  | api         | entity         | mineral                                 | type | stat     | С  |
|-------------------------|-----|------|------|-------------|----------------|---|------|----------|--|
| WINITERIAL              |     |      |      |             |                | lease                                   |      |          |  |
| WRU EIH 16MU-26-8-22    | 26  | 080S | 220E | 4304735191  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 2MU-26-8-22     | -   | 0000 | 2205 | 1001        | 14351          |   |      |          |  |
| WKU EIH 2WIU-26-8-22    | 26  | 080S | 220E | 4304735192  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 8MU-26-8-22     | 26  | 0000 | 2205 | 420.4525102 | 14104          |   |      |          |  |
| WKO EIII 8WO-20-8-22    | 26  | 080S | 220E | 4304735193  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 16MU-35-8-22    | 35  | 080S | 220E | 4304735194  | 14234          | -                                       | CITY | -        |  |
|                         | 33  | 0003 | 220E | 4304/33194  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 8MU-35-8-22     | 35  | 0805 | 220E | 4304735195  | 14198          | D-11                                    | CIV  |          |  |
| Wite Elli 61/10 33 6 22 | 33  | 0003 | 220E | 4304733193  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 13MU-25-8-22    | 25  | 2080 | 220E | 4304735329  | 17329<br>12528 | Endonal                                 | CW   |          |  |
|                         | 23  | 0005 | 220L | 4304733329  | l l            | Federal                                 | GW   | P        |  |
| WRU EIH 15ML-23-8-22    | 23  | 2080 | 220E | 4304735387  | 14168<br>12528 | Federal                                 | CW   | S        |  |
|                         | 23  | 0005 | 2201 | 4504755567  | 14681          | rederai                                 | GW   | 5        |  |
| WRU EIH 4MU-25-8-22     | 25  | 0805 | 220F | 4304735388  | 12528          | Federal                                 | GW   | P        |  |
|                         |     | 0005 | 220L | 7504755566  | 14339          | redetai                                 | GW   | P        |  |
| WRU EIH 3MU-25-8-22     | 25  | 0805 | 220E | 4304735389  | 12528          | Federal                                 | GW   | P        |  |
|                         |     | 0000 | 2202 | 1304733307  | 14341          | rederat                                 | G W  | F        |  |
| WRU EIH 12ML-24-8-22    | 24  | 080S | 220E | 4304735425  | 12528          | Federal                                 | GW   | P        |  |
|                         |     | 0000 | 2202 | 1301735425  | 14536          | redetal                                 | G W  | r        |  |
| WRU EIH 14ML-24-8-22    | 24  | 080S | 220E | 4304735426  | 12528          | Federal                                 | GW   | P        |  |
|                         |     |      |      | 1301733120  | 14646          | 1 cuciai                                | OW   | 1        |  |
| WRU EIH 6MU-25-8-22     | 25  | 080S | 220E | 4304735431  | 12528          | Federal                                 | GW   | P        |  |
|                         |     |      |      | 1001755151  | 14379          | 1 cuciai                                | 0"   | 1        |  |
| WRU EIH 5MU-25-8-22     | 25  | 080S | 220E | 4304735432  | 12528          | Federal                                 | GW   | P        |  |
|                         |     |      |      |             | 14240          |   |      | -        |  |
| WRU EIH 12MU-25-8-22    | 25  | 080S | 220E | 4304735601  | 12528          | Federal                                 | GW   | P        | <del>                                     </del> |
|                         |     |      |      |             | 14214          |   |      |          |  |
| WRU EIH 14MU-35-8-22    | 35  | 080S | 220E | 4304735667  | 12528          | Federal                                 | GW   | P        | <b>†</b>   |
|                         |     |      |      |             | 14615          |   |      |          |  |
| WRU EIH 13ML-24-8-22    | 24  | 080S | 220E | 4304735793  | 12528          | Federal                                 | GW   | S        |  |
|                         |     |      |      |             | 14644          |   |      |          |  |
| WRU EIH 16ML-23-8-22    | 23  | 080S | 220E | 4304735804  | 12528          | Federal                                 | GW   | P        |  |
|                         |     |      |      |             | 14683          |   |      |          |  |
| WRU EIH 11ML-24-8-22    | 24  | 080S | 220E | 4304735805  | 12528          | Federal                                 | GW   | P        |  |
| VIDILEUL CD NO. 05 0 00 |     |      |      | ·           | 14540          | *************************************** |      |          |  |
| WRU EIH 6B-ML-35-8-22   | 35  | 080S | 220E | 4304737299  | 12528          | Federal                                 | GW   | P        |  |
| 3/DITEHL11DM 25 0 22    |     | 0000 |      |             | 15281          |   |      |          |  |
| WRU EIH 11BML-35-8-22   | 35  | 080S | 220E | 4304737300  | 12528          | Federal                                 | GW   | P        |  |
| WILLIAM MI 25 9 22      |     | 0000 | 2225 | 1001-0-12-  | 15282          |   |      |          |  |
| WRU EIH 3D-ML-35-8-22   | 35  | 080S | 220E | 4304737465  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 7D-ML-35-8-22   | 25  | 0000 | 2205 | 4204727466  | 15552          |   | ~    |          |  |
| DIII /D-WIL-33-0-22     | 35  | 2000 | ZZUE | 4304737466  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 4AD-25-8-22     | 25  | 080S | 220E | 4304738636  | 15637          | E. J.                                   | OII. | <b>D</b> |  |
| 100 DIII 7/1D-25-0-22   | 23  | 0003 | ZZUE | 4304/38030  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 7AD-26-8-22     | 26  | 080S | 220E | 4304738637  | 16651          | Fodos-1                                 | CW   | n        | ļ  |
|                         | 20  | 6000 | ZZUE | +JU4/J00J/  | 12528          | Federal                                 | GW   | P        |  |
| WRU EIH 6DD-35-8-22     | 35  | 2080 | 220E | 4304738640  | 16579<br>12528 | Federal                                 | GW   | P        | <u> </u>   |
|                         | 55  | 2000 |      | 1207/20040  | 14340          | redetai                                 | JW   | 1        | 1  |

Bonds: BLM = ESB000024 BIA = 956010693 State = 965010695

# Questar Exploration Production Company (N5085) to QEP Energy Company (N3700) WHITE RIVER effective June 14, 2010

| well_name               | sec | twp  | rng  | api        | entity | mineral | type | stat | C |
|-------------------------|-----|------|------|------------|--------|---------|------|------|---|
|                         |     |      |      |            |        | lease   |      |      |   |
| WRU EIH 7AD-35-8-22     | 35  | 080S | 220E | 4304738641 | 16180  | Federal | GW   | P    |   |
| WRU EIH 14BD-35-8-22    | 35  | 080S | 220E | 4304738642 | 17143  | Federal | GW   | OPS  | C |
| WRU EIH 9CD-26-8-22     | 26  | 080S | 220E | 4304738649 | 12528  | Federal | GW   | P    | - |
|                         |     |      |      |            | 16446  |         |      |      |   |
| GB 1M-4-8-22R (RIGSKID) | 04  | 080S | 220E | 4304738990 | 15879  | Federal | GW   | P    |   |
| WRU EIH 6D-5-8-23       | 05  | 080S | 230F | 4304738994 | 16415  | Federal | GW   | P    |   |
| WRU GB 13G-3-8-22       | 03  | 0805 |      | 4304738994 |        |         |      |      | + |
|                         |     |      |      |            | 4915   | Federal | OW   | P    |   |
| WRU GB 14G-4-8-22       | 04  | 080S | 220E | 4304740097 | 4915   | Federal | OW   | P    |   |
| GB 3D-4-8-22R(RIGSKID)  | 04  | 080S | 220E | 4304740345 | 17099  | Federal | GW   | P    | 1 |

Bonds: BLM = ESB000024 BIA = 956010693 State = 965010695



### **United States Department of the Interior**



### BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO: 3100 (UT-922)

JUL 2 8 2010

Memorandum

To:

Vernal Field Office, Price Field Office, Moab Field Office Roja L Bankut

From:

Chief, Branch of Minerals

Subject:

Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from Questar Exploration and Production Company into QEP Energy Company is effective June 8, 2010.

cc:

**MMS UDOGM** 

AUG 1 6 2010

DIV OF OIL, SEGRESS